

# JAVELIN

## STORAGE IN APPROVED MAGAZINES OF JAVELIN MISSILE PACKED ONE PER METAL CONTAINER, UNITIZED 6 CONTAINERS PER 4-WAY ENTRY WOODEN PALLET

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U.S. ARMY MATERIEL COMMAND DRAWING			
APPROVED, U.S. ARMY MISSILE COMMAND 		DRAFTSMAN D. WHITMORE	ENGINEER M. DAEUMER
APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND 		SUPPLY ENGINEERING DIVISION 	TRANSPORTATION ENGINEERING DIVISION 
		VALIDATION ENGINEERING DIVISION 	
U.S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL		LOGISTICS ENGINEERING OFFICE	
REVISION NO. 1		OCTOBER 1996	
SEE THE REVISION LISTING ON PAGE 2.		JUNE 1993	
CLASS	DIVISION	DRAWING	FILE
19	48	5265	GM1-3-4-14- 22 JV1

DO NOT SCALE

## GENERAL NOTES

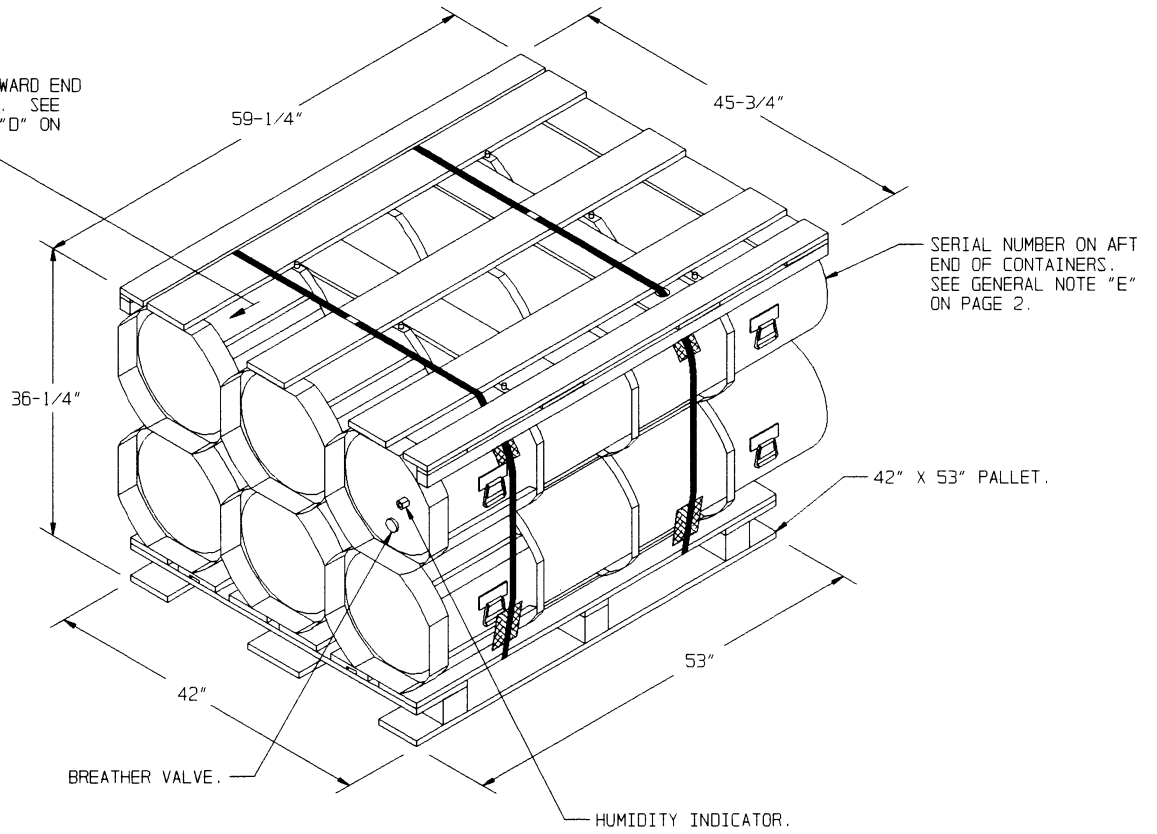
- A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1 AND AUGMENTS TM 743-200-1 (CHAPTER 5).
- B. THE STORAGE PROCEDURES SPECIFIED HEREIN ARE APPLICABLE TO JAVELIN MISSILE PACKED ONE PER METAL CONTAINER, UNITIZED SIX CONTAINERS PER 4-WAY ENTRY WOODEN PALLET.
- C. FOR DETAIL OF THE PALLET UNIT, REFER TO U.S. ARMY AMC DRAWING 19-48-5266-GM20JV1 AND THE DETAIL ON PAGE 3.
- D. THE ALLOWABLE "EXPLOSIVE LIMIT" ESTABLISHED FOR A MAGAZINE WILL NOT BE EXCEEDED. CAUTION: THIS ITEM IS IN A "PROPULSIVE STATE" AND MUST BE STORED WITH THE FORWARD END FACING TOWARD THE REAR WALL OR SIDE WALL OF A MAGAZINE AS INDICATED BY THE DIRECTIONAL ARROWS IN THE STORAGE VIEWS. THEREFORE, EACH PALLET UNIT WILL BE CHECKED TO ENSURE THAT THE FORWARD END OF ALL CONTAINERS IN THE UNIT ARE FACING IN ONE DIRECTION.
- E. AN INSPECTION AISLE IS REQUIRED AT BOTH ENDS OF EACH CONTAINER FOR INSPECTION OF THE HUMIDITY INDICATOR AND IDENTIFICATION OF CONTAINER SERIAL NUMBER.
- F. THE DEPICTED PROCEDURES PROVIDE FOR EACH PALLET UNIT TO BE READILY ACCESSIBLE FOR REMOVAL BY CONTAINER SERIAL NUMBER AND/OR LOT NUMBER WITH A MINIMUM OF TEMPORARY RELOCATION OF OTHER PALLET UNITS TO GAIN ACCESS TO THAT UNIT.
- G. IF AVAILABLE MHE PERMITS, AND ALL REQUIREMENTS SET FORTH IN NOTES "D", "E" AND "F" ABOVE ARE COMPLIED WITH, ADDITIONAL, PALLET UNITS MAY BE STORED WITHIN THE FRONTAL AREA AND/OR OTHER AVAILABLE AREA OF THE MAGAZINE.
- H. STORED PALLET UNITS MUST NOT CONTACT THE WALLS, COLUMNS OR BEAMS OF A MAGAZINE. TO PROVIDE FOR THIS MANDATORY CLEARANCE REQUIREMENT, UNITS MAY BE ELIMINATED FROM THE DEPICTED STORAGE PATTERN AS NECESSARY.
- J. IF THE QUANTITY OF PALLET UNITS FOR A MAGAZINE IS TO BE REDUCED FROM WHAT IS SHOWN HEREIN DUE TO THE PERMITTED "EXPLOSIVE LIMIT" OR FOR ANY OTHER REASON, SUCH AS A LIMITED QUANTITY TO BE STORED, THE DELINEATED PROCEDURES ARE TO BE ADJUSTED BY OMITTING STACKS RATHER THAN BY OMITTING LAYERS.
- K. THE STORAGE PROCEDURES DEPICTED WITHIN THIS DOCUMENT ARE APPLICABLE FOR STORAGE IN VARIOUS TYPES AND SIZES OF MAGAZINES. THE STORAGE PROCEDURES DEPICTED FOR THE SPECIFIC TYPES OF MAGAZINES MAY ALSO BE UTILIZED TO STORE PALLET UNITS IN OTHER TYPES OF APPROVED MAGAZINES. MINOR ADJUSTMENTS MAY BE MADE TO FACILITATE STORAGE IN OTHER TYPES OF MAGAZINES. HOWEVER, THE BASIC PRINCIPLES AS DEPICTED HEREIN WILL BE FOLLOWED.
- L. PORTIONS OF THE MAGAZINES, SUCH AS SIDEWALLS, END WALLS, AND ROOFS, HAVE NOT BEEN SHOWN IN THE STORAGE VIEWS FOR CLARITY PURPOSES.
- M. THE MAXIMUM FLOOR LOAD FOR A MAGAZINE AS PRESCRIBED BY LOCAL STANDARDS WILL NOT BE EXCEEDED.
- N. CONVERSION TO METRIC EQUIVALENTS: DIMENSIONS WITHIN THIS DOCUMENT ARE EXPRESSED IN INCHES, AND WEIGHTS ARE EXPRESSED IN POUNDS. WHEN NECESSARY, THE METRIC EQUIVALENT MAY BE COMPUTED ON THE BASIS OF ONE INCH EQUALS 25.4MM, AND ONE POUND EQUALS 0.454KG.

## REVISION

REVISION NO. 1, DATED OCTOBER 1996 CONSIST OF:

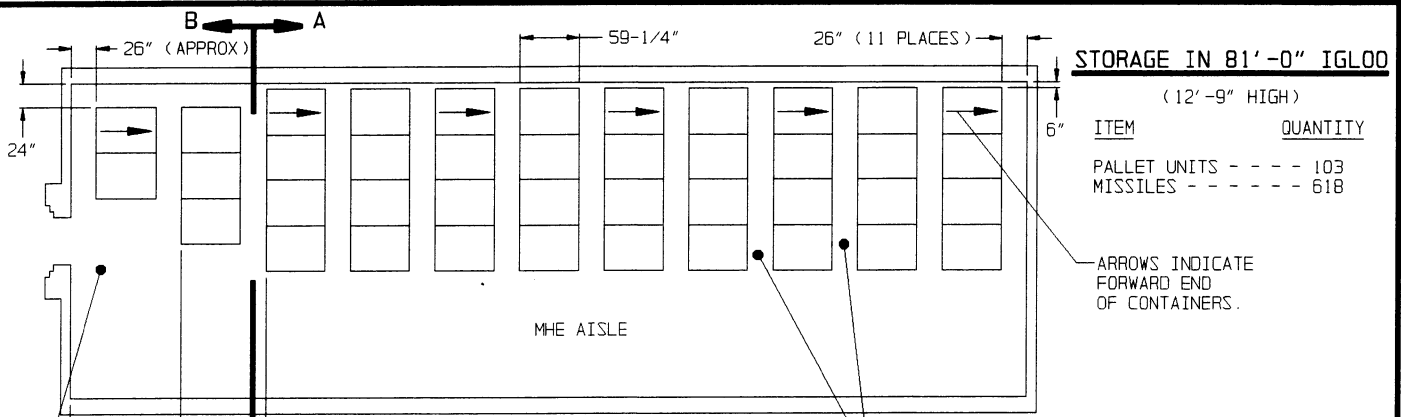
1. UPDATING PALLET UNIT DETAIL TO PORTRAY CURRENT CONFIGURATION.

INDICATES FORWARD END  
OF CONTAINERS. SEE  
GENERAL NOTE "D" ON  
PAGE 2.



**PALLET UNIT**

GROSS WEIGHT - - - - - 548 LBS (APPROX)  
CUBE - - - - - 56.9 CU FT (APPROX)

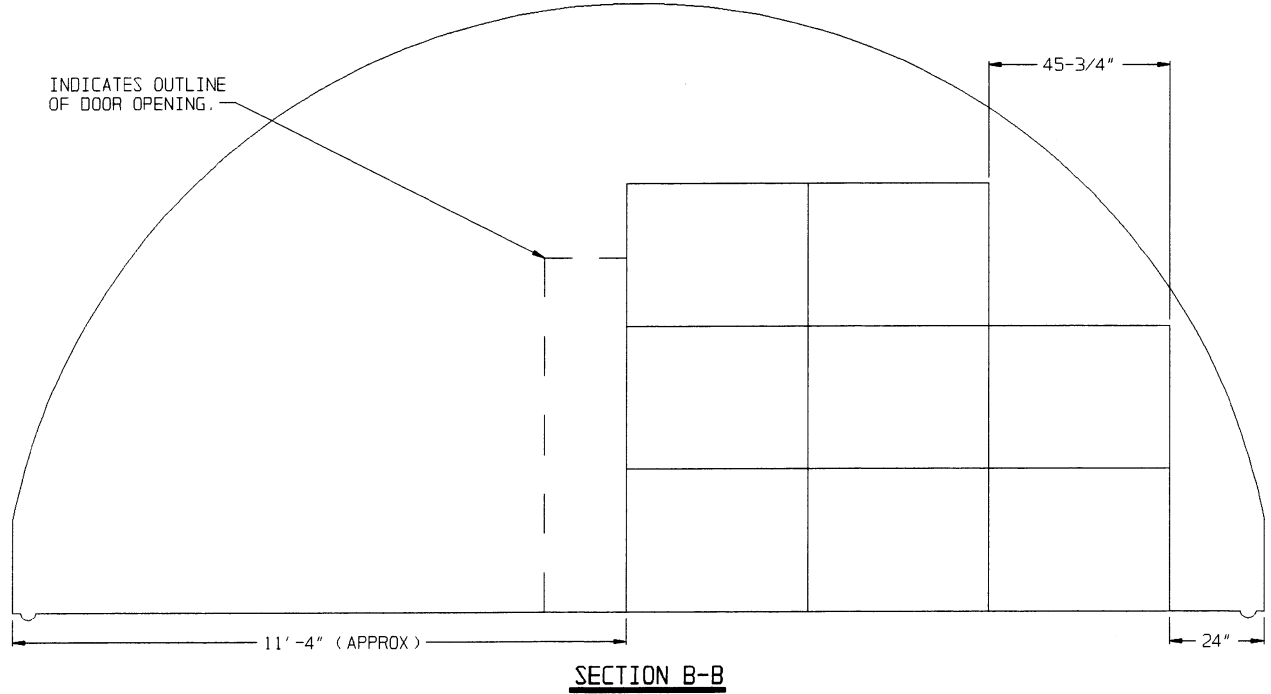
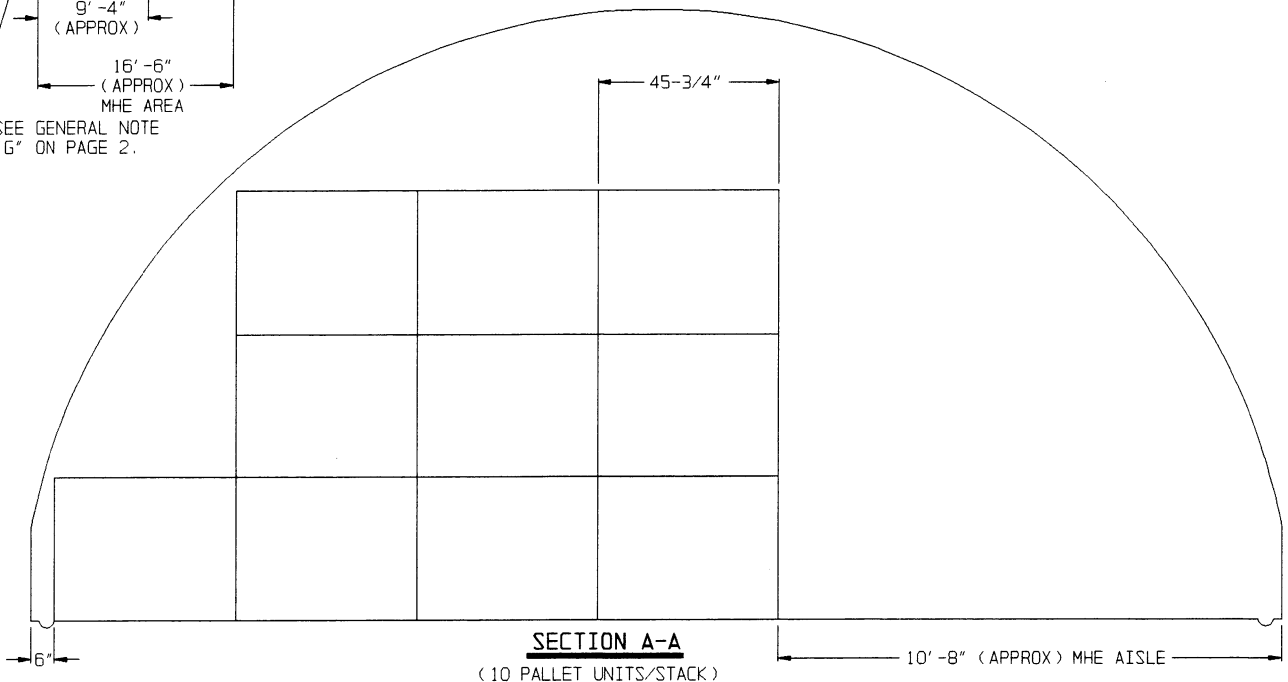


**STORAGE IN 81'-0" IGLOO**

(12'-9" HIGH)

ITEM	QUANTITY
PALLET UNITS - - - -	103
MISSILES - - - - -	618

**PLAN VIEW**  
(81'-0" IGLOO)



**STORAGE IN 60'-8" IGL00**

(12'-9" HIGH)

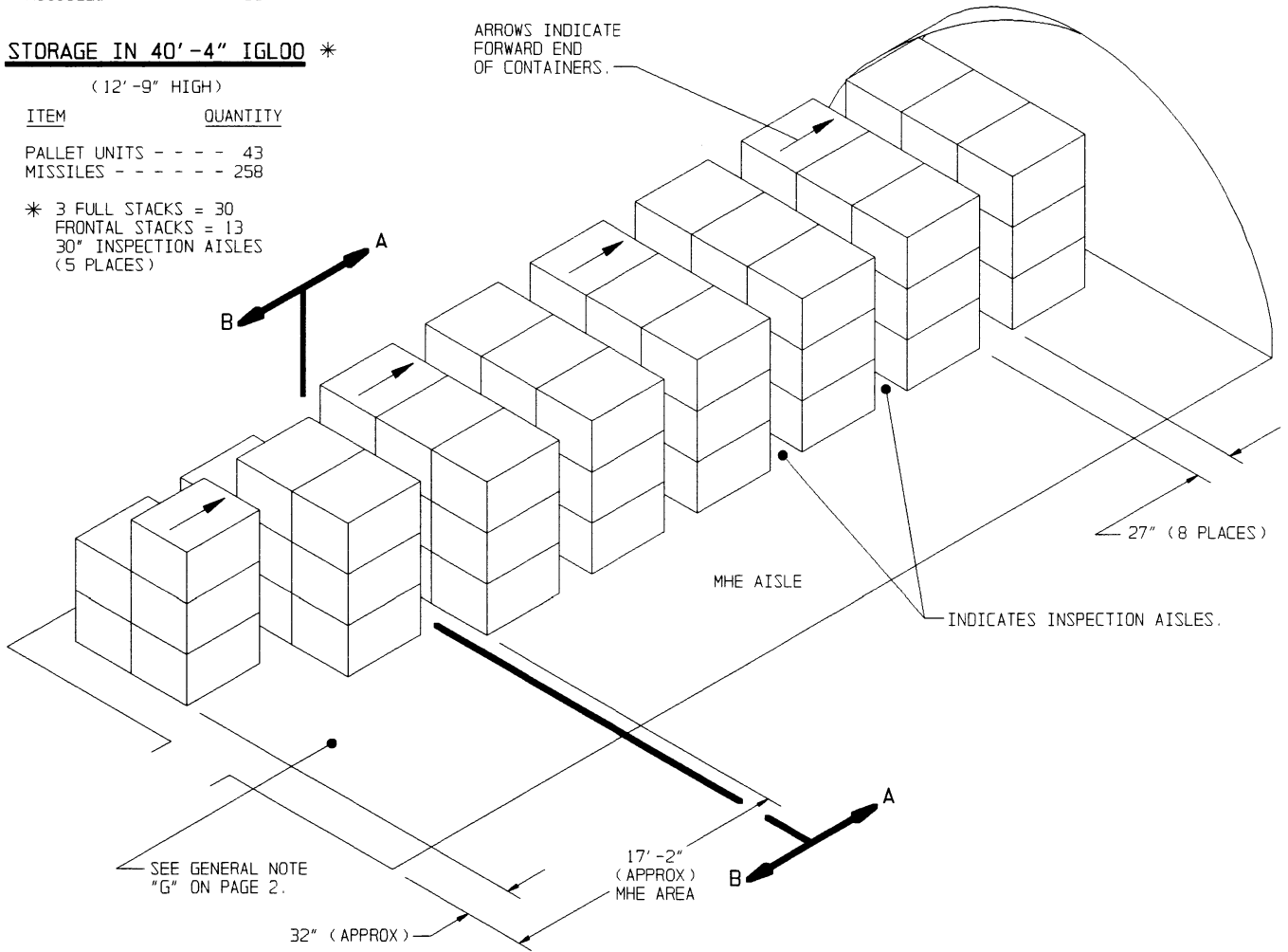
ITEM	QUANTITY
PALLET UNITS - - - -	73
MISSILES - - - - -	438

**STORAGE IN 40'-4" IGL00 \***

(12'-9" HIGH)

ITEM	QUANTITY
PALLET UNITS - - - -	43
MISSILES - - - - -	258

\* 3 FULL STACKS = 30  
FRONTAL STACKS = 13  
30" INSPECTION AISLES  
(5 PLACES)



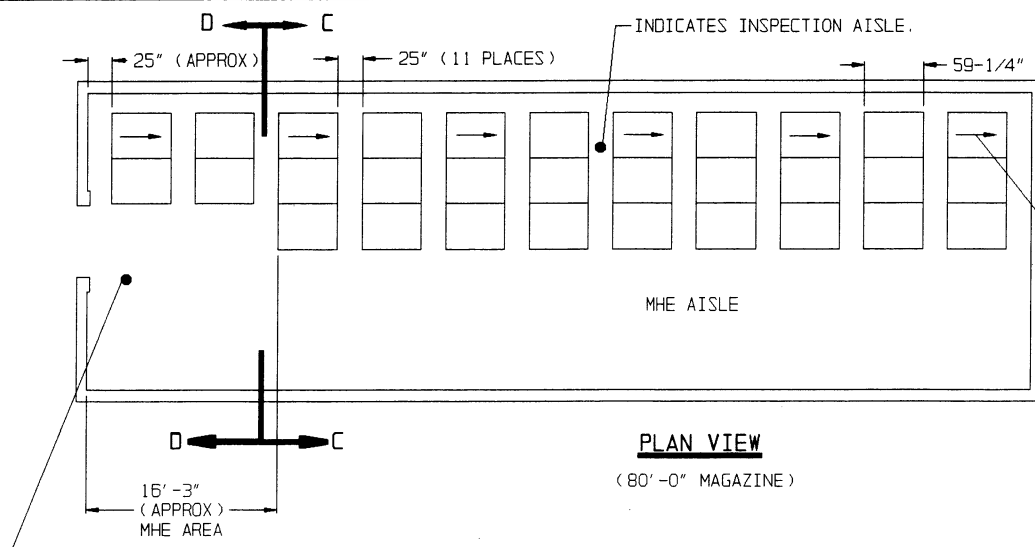
**ISOMETRIC VIEW**  
(60'-8" IGL00)

**FOR "GENERAL NOTES" SEE PAGE 2.**

**STORAGE IN 80'-0" MAGAZINE**

(10'-0" HIGH)

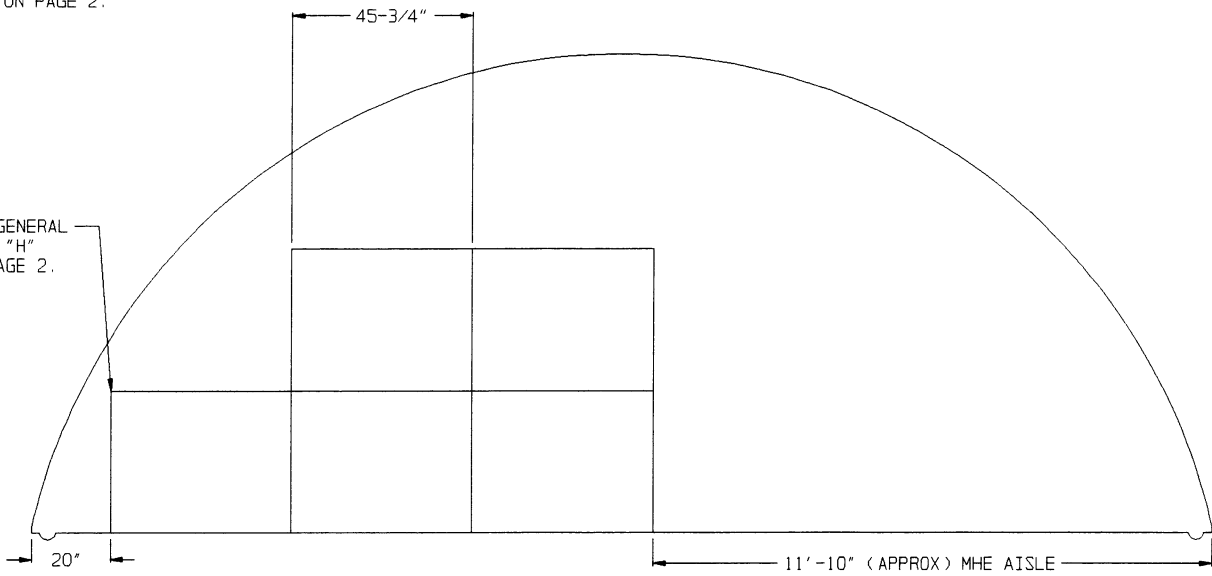
ITEM	QUANTITY
PALLET UNITS	51
MISSILES	306



**PLAN VIEW**

(80'-0" MAGAZINE)

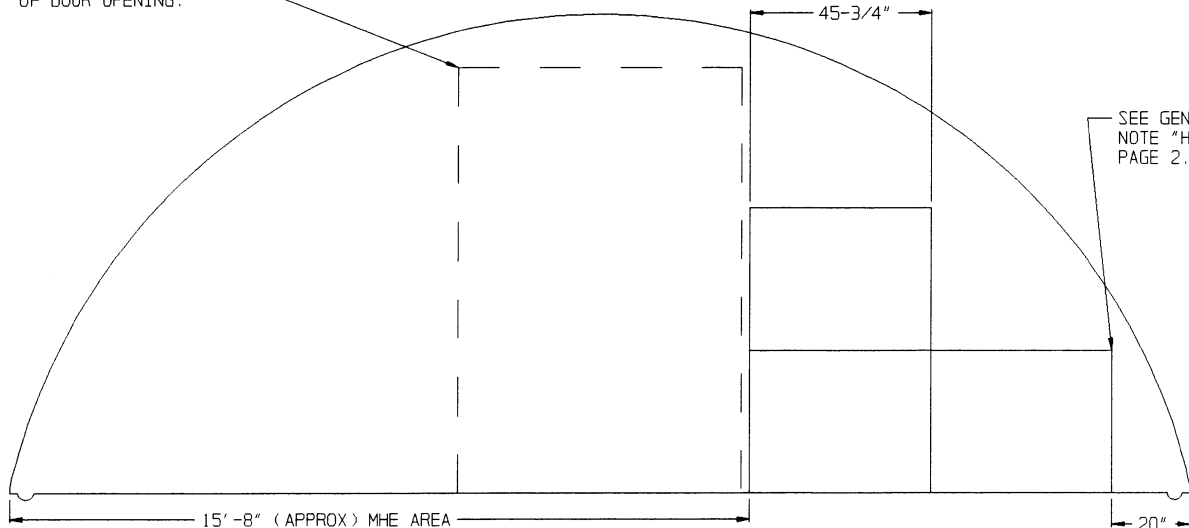
SEE GENERAL NOTE "H" ON PAGE 2.



**SECTION C-C**

(5 PALLET UNITS/STACK)

INDICATES OUTLINE OF DOOR OPENING.

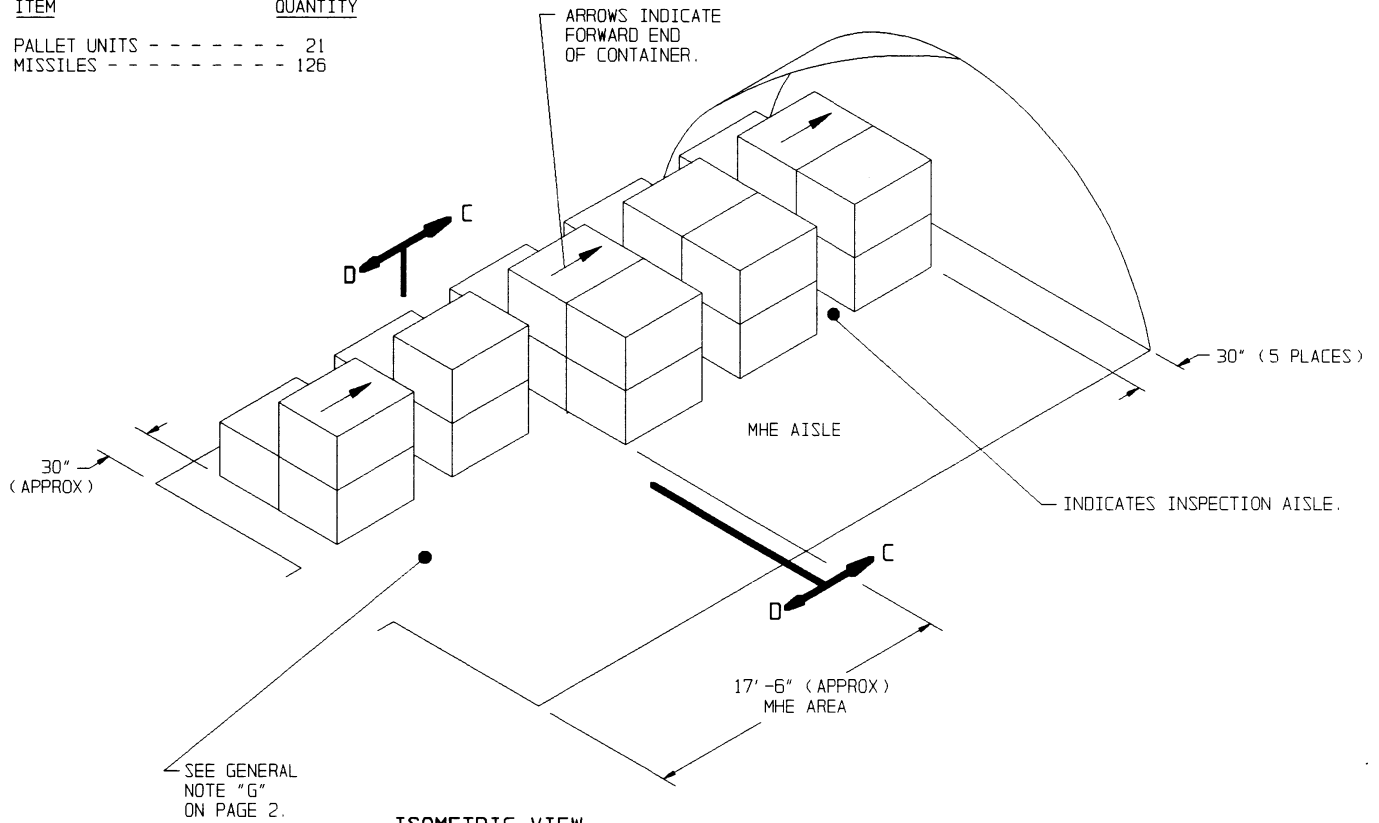


**SECTION D-D**

**STORAGE IN 40'-0" MAGAZINE**

(10'-0" HIGH)

ITEM	QUANTITY
PALLET UNITS - - - - -	21
MISSILES - - - - -	126



**ISOMETRIC VIEW**

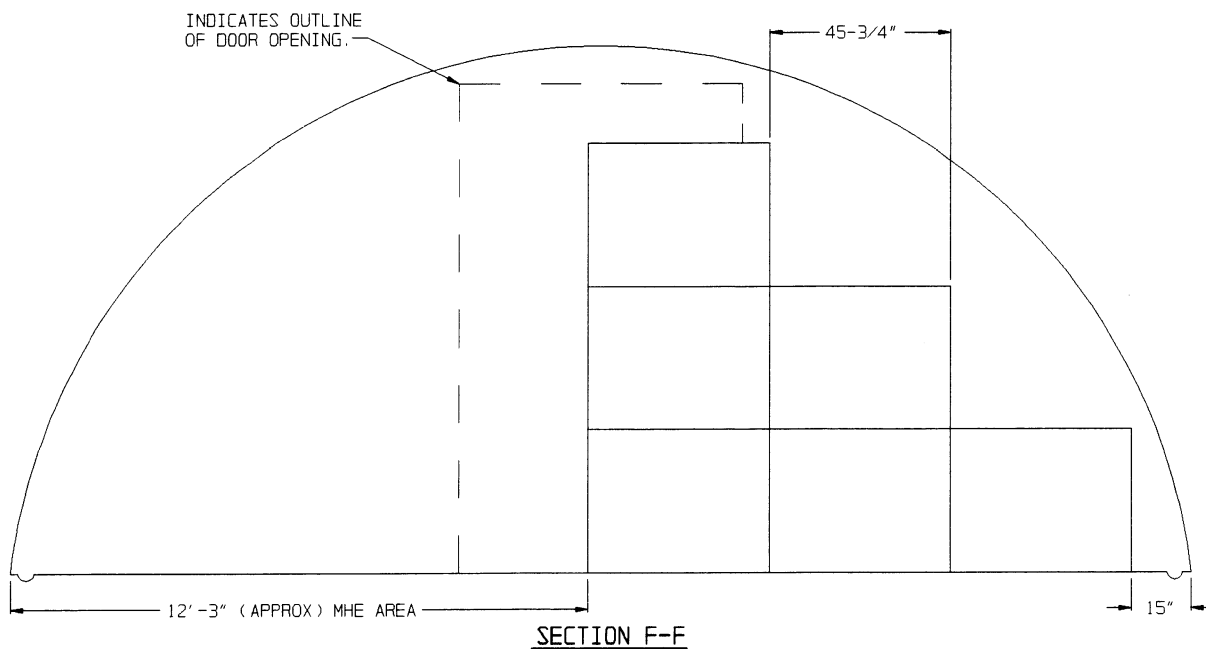
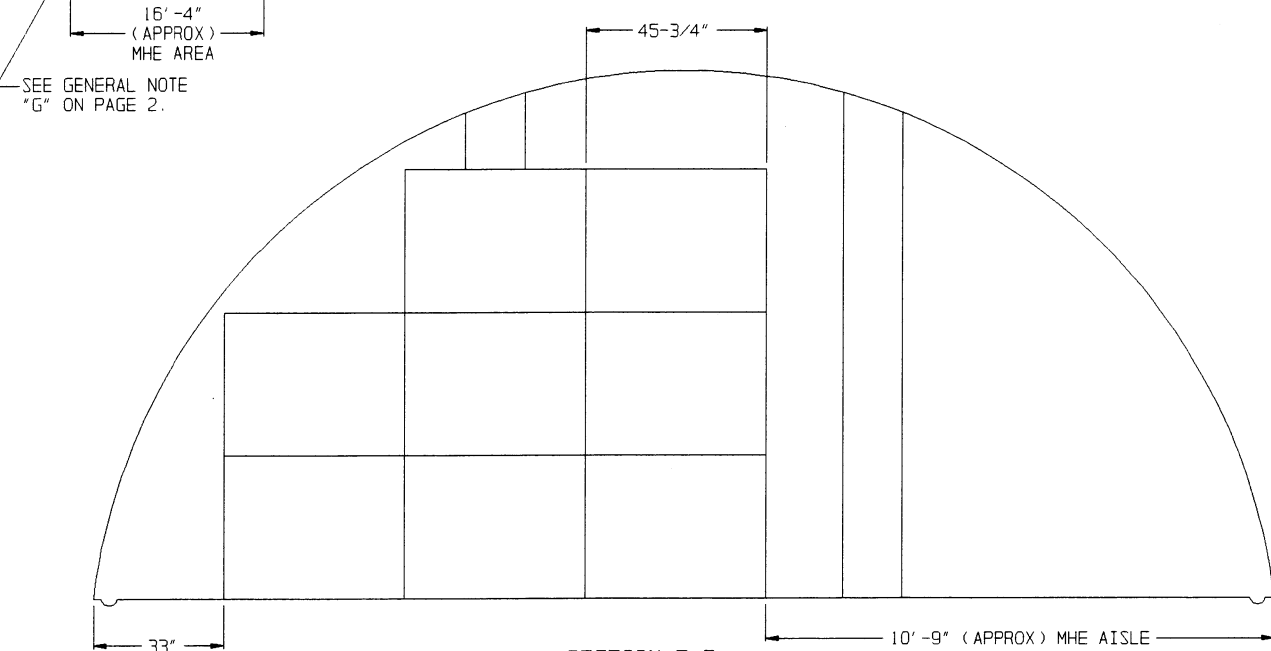
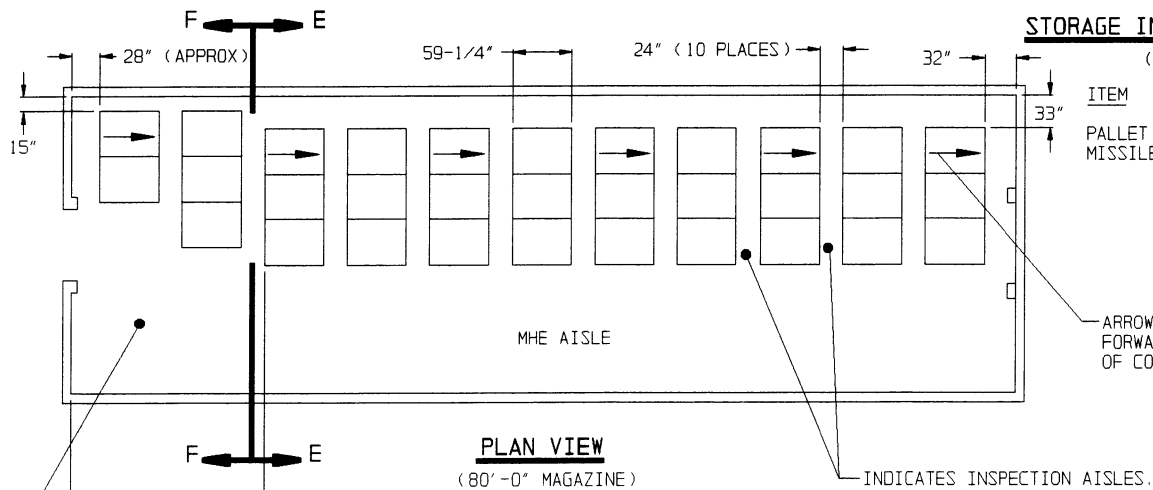
(40'-0" MAGAZINE)

FOR "GENERAL NOTES", SEE PAGE 2.

**STORAGE IN 80'-0" MAGAZINE**

(11'-0" HIGH)

ITEM	QUANTITY
PALLET UNITS	81
MISSILES	486

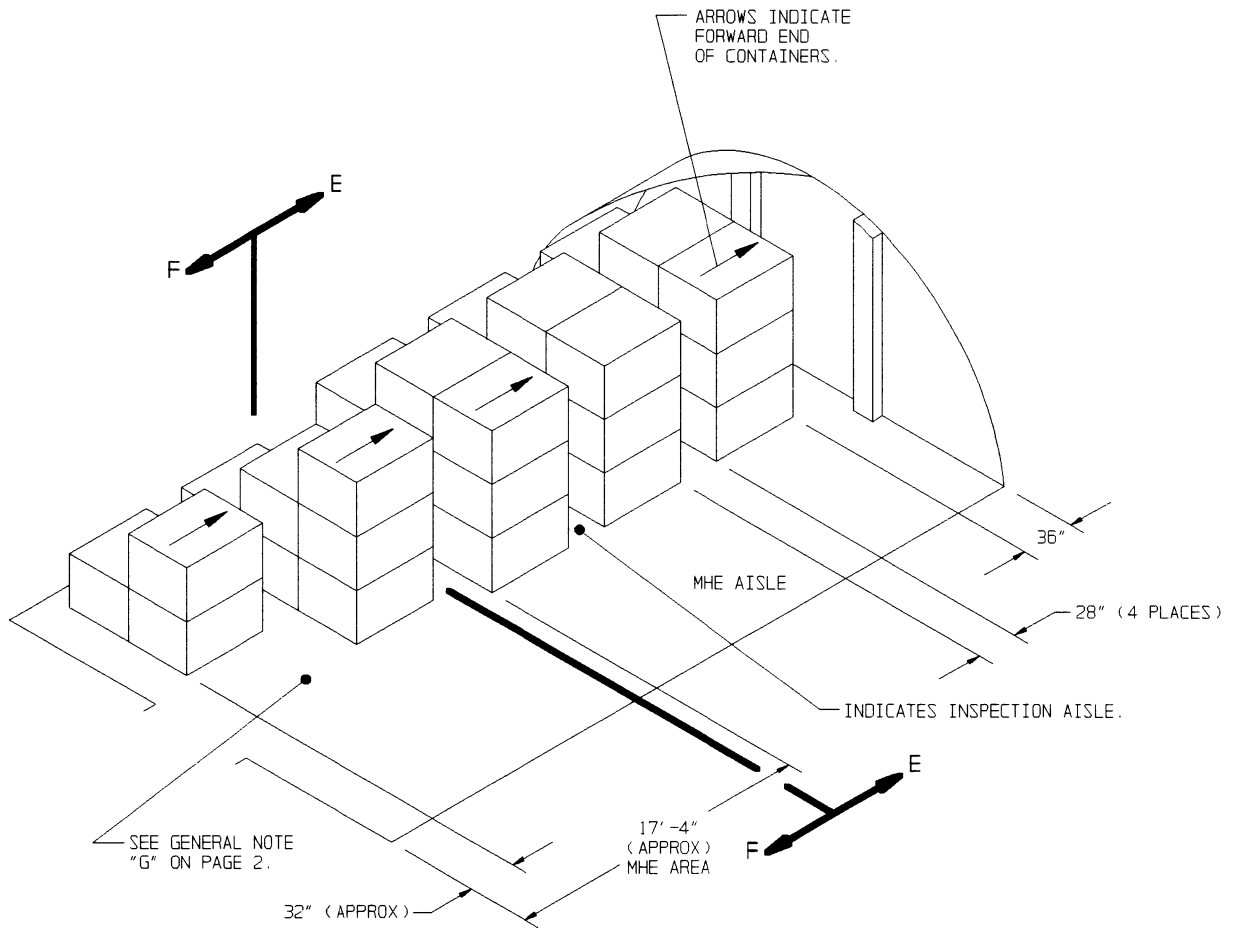




**STORAGE IN 40'-0" MAGAZINE**

(11'-0" HIGH)

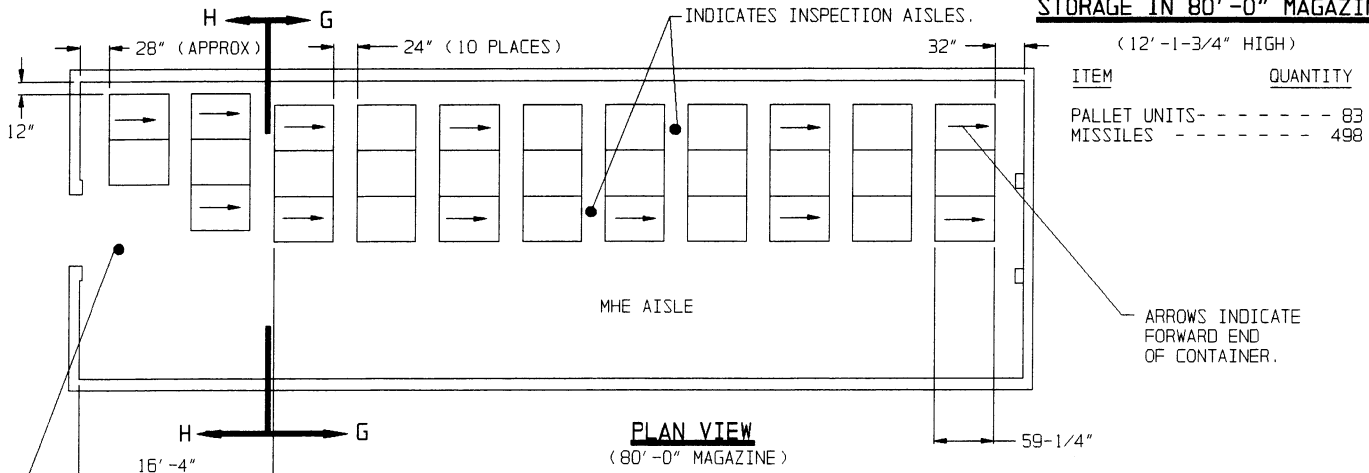
<u>ITEM</u>	<u>QUANTITY</u>
PALLET UNITS - - - -	33
MISSILES - - - - -	198



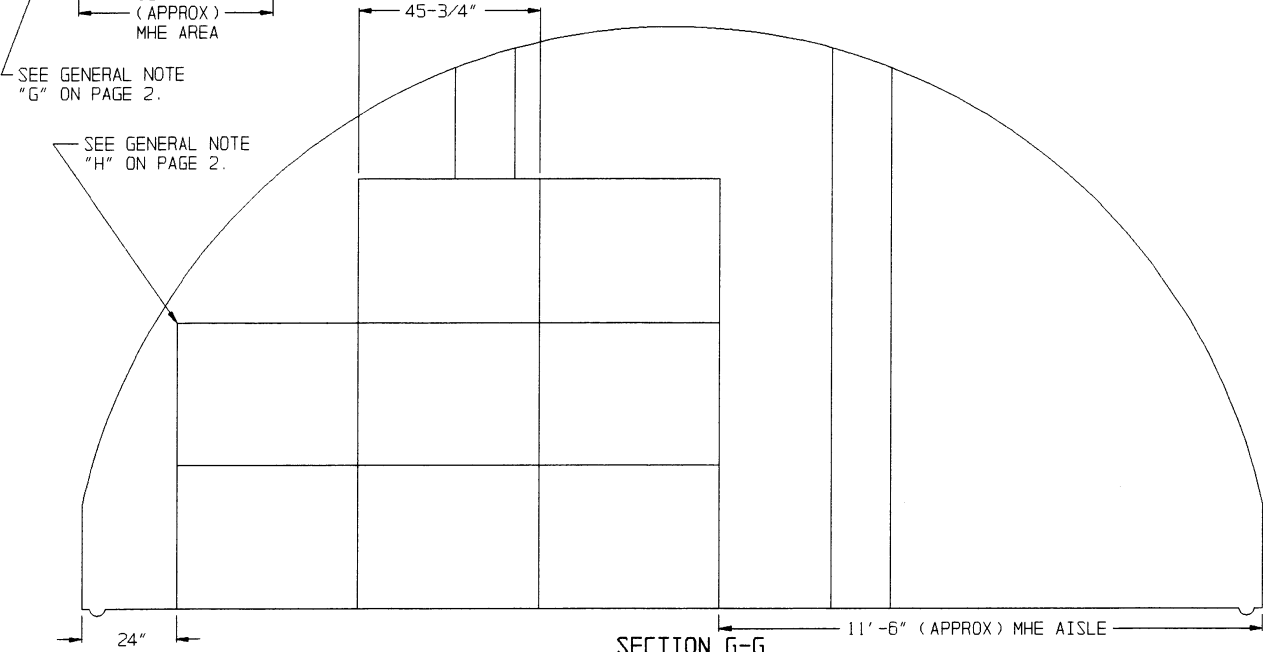
**ISOMETRIC VIEW**  
(40'-0" MAGAZINE)

**FOR "GENERAL NOTES" SEE PAGE 2.**

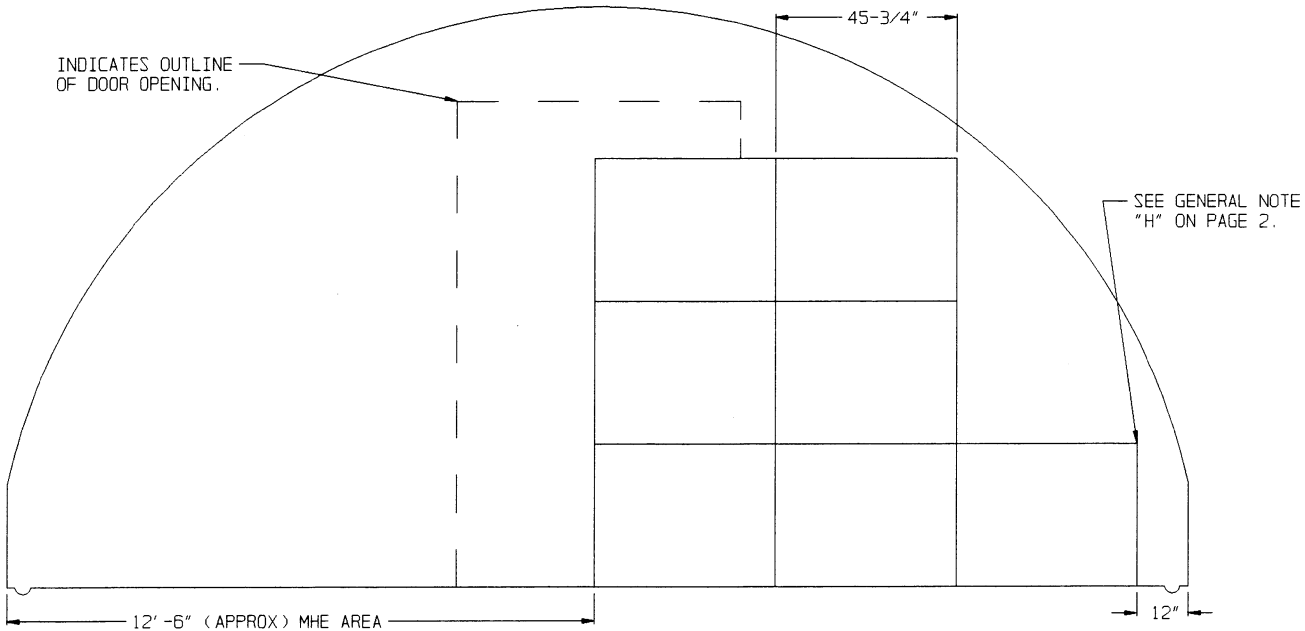
**STORAGE IN 80'-0" MAGAZINE**



**PLAN VIEW**  
(80'-0" MAGAZINE)



**SECTION G-G**  
(8 PALLET UNITS/STACK)

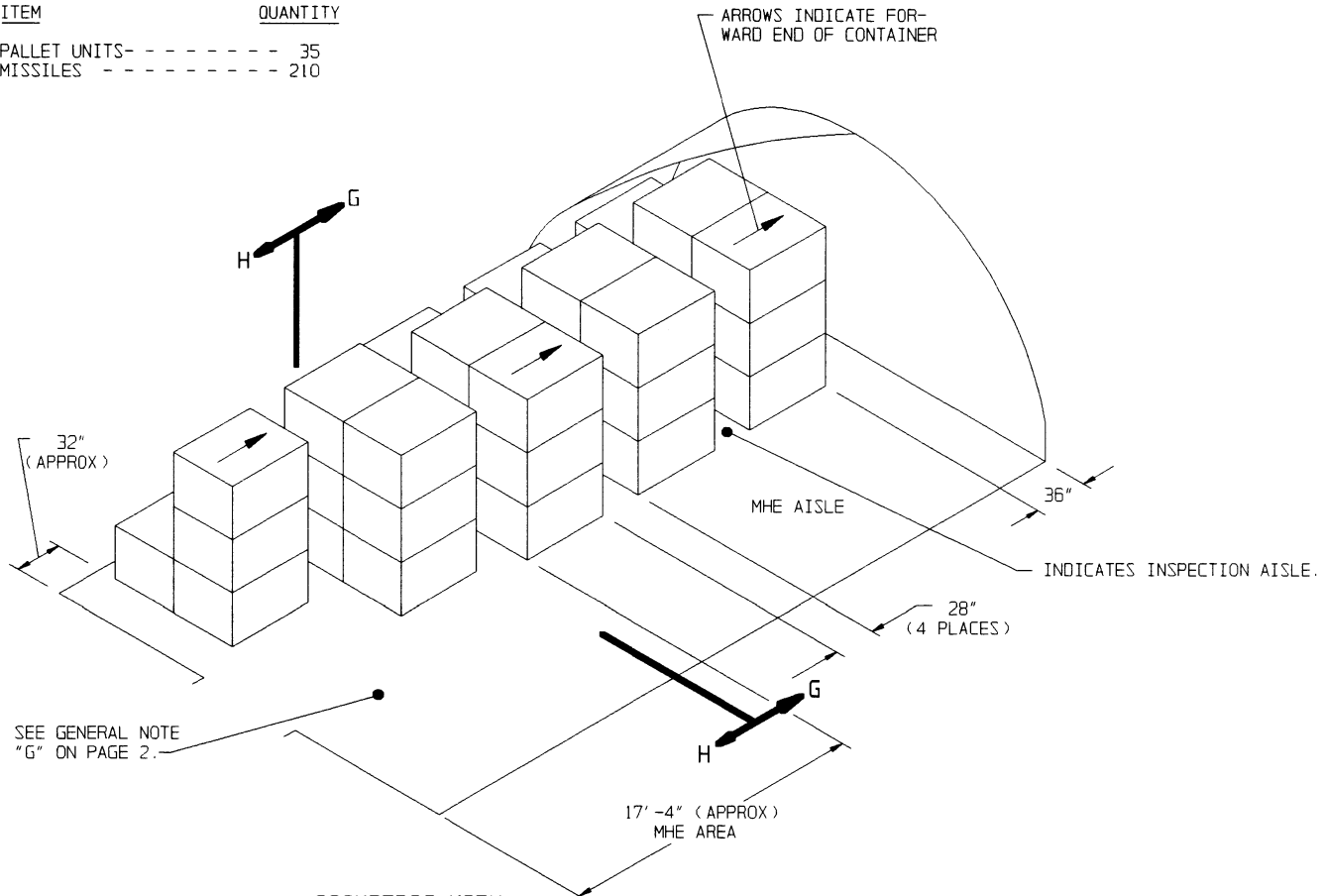


**SECTION H-H**

**STORAGE IN 40'-0" MAGAZINE**

(12'-1-3/4" HIGH)

ITEM	QUANTITY
PALLET UNITS- - - - -	35
MISSILES - - - - -	210



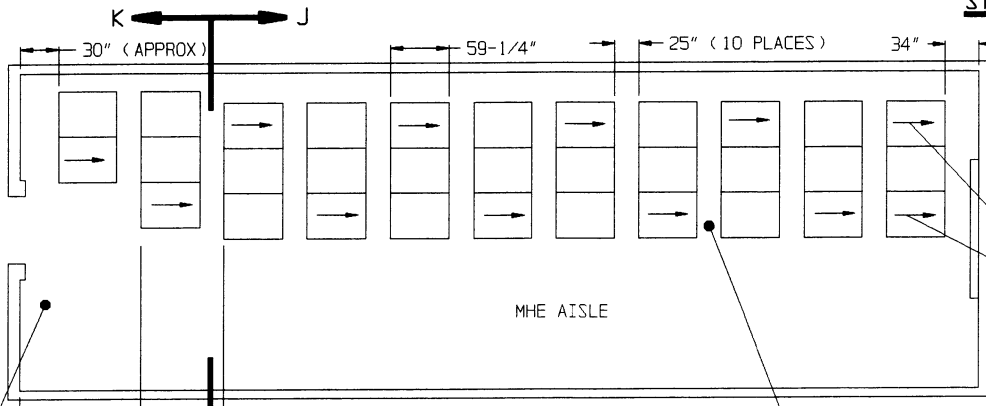
**ISOMETRIC VIEW**

(40'-0" MAGAZINE)

FOR "GENERAL NOTES" SEE PAGE 2.

**STORAGE IN 81'-2" MAGAZINE**

ITEM	QUANTITY
PALLET UNITS- - - - -	83
MISSILES - - - - -	498



**PLAN VIEW**

(81'-2" MAGAZINE)

ARROWS INDICATE FORWARD END OF CONTAINER.

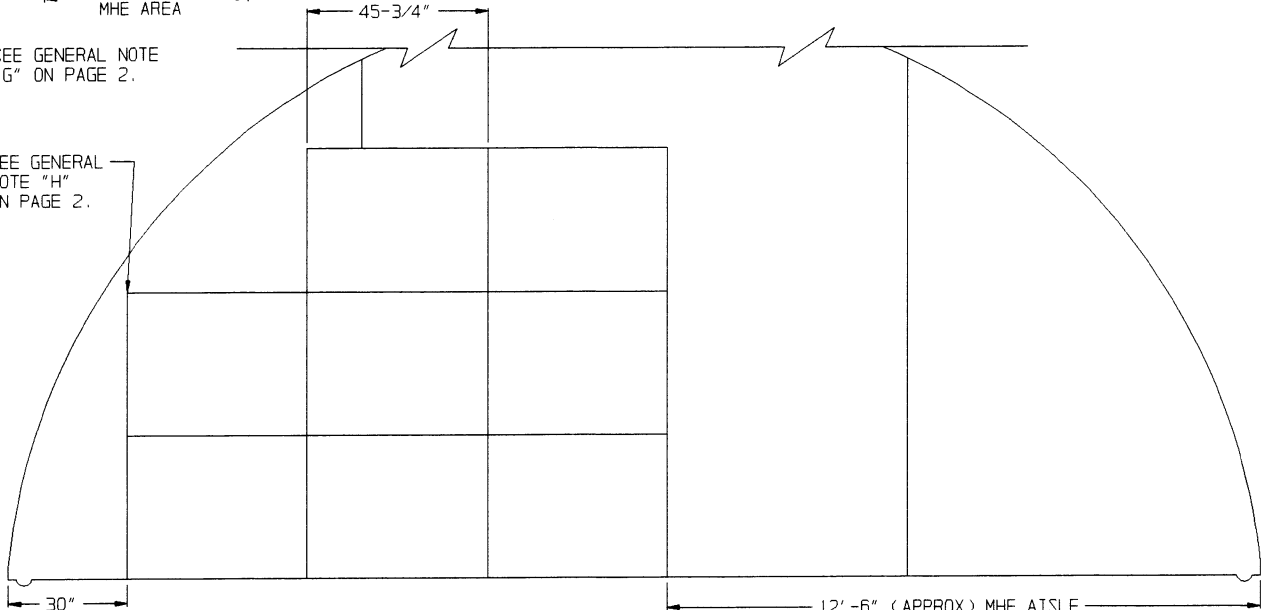
INDICATES INSPECTION AISLE.

9'-7" (APPROX)

16'-8" (APPROX) MHE AREA

SEE GENERAL NOTE "G" ON PAGE 2.

SEE GENERAL NOTE "H" ON PAGE 2.

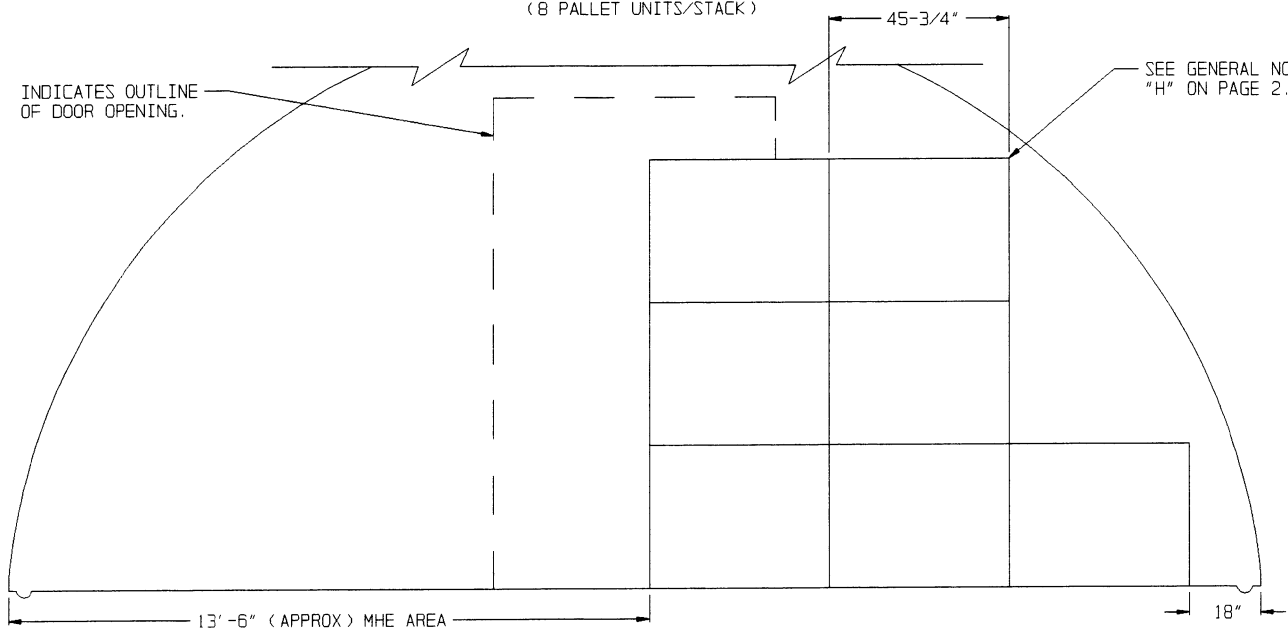


**SECTION J-J**

(8 PALLET UNITS/STACK)

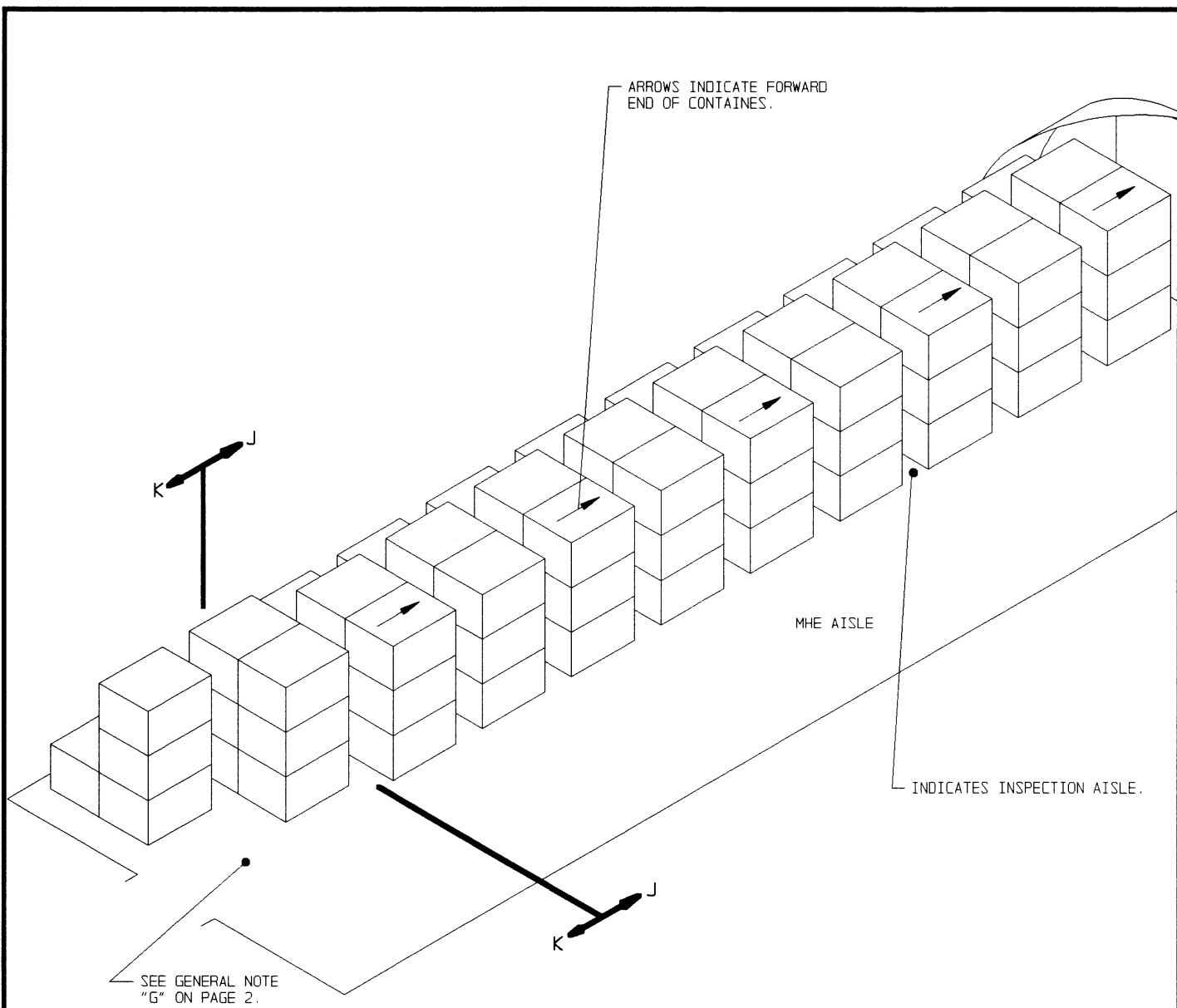
INDICATES OUTLINE OF DOOR OPENING.

SEE GENERAL NOTE "H" ON PAGE 2.



**SECTION K-K**

**STORAGE PROCEDURES IN 81'-2" L X 26'-6" W X 12'-1-3/4" H ARCH TYPE MAGAZINE**



ARROWS INDICATE FORWARD  
END OF CONTAINERS.

MHE AISLE

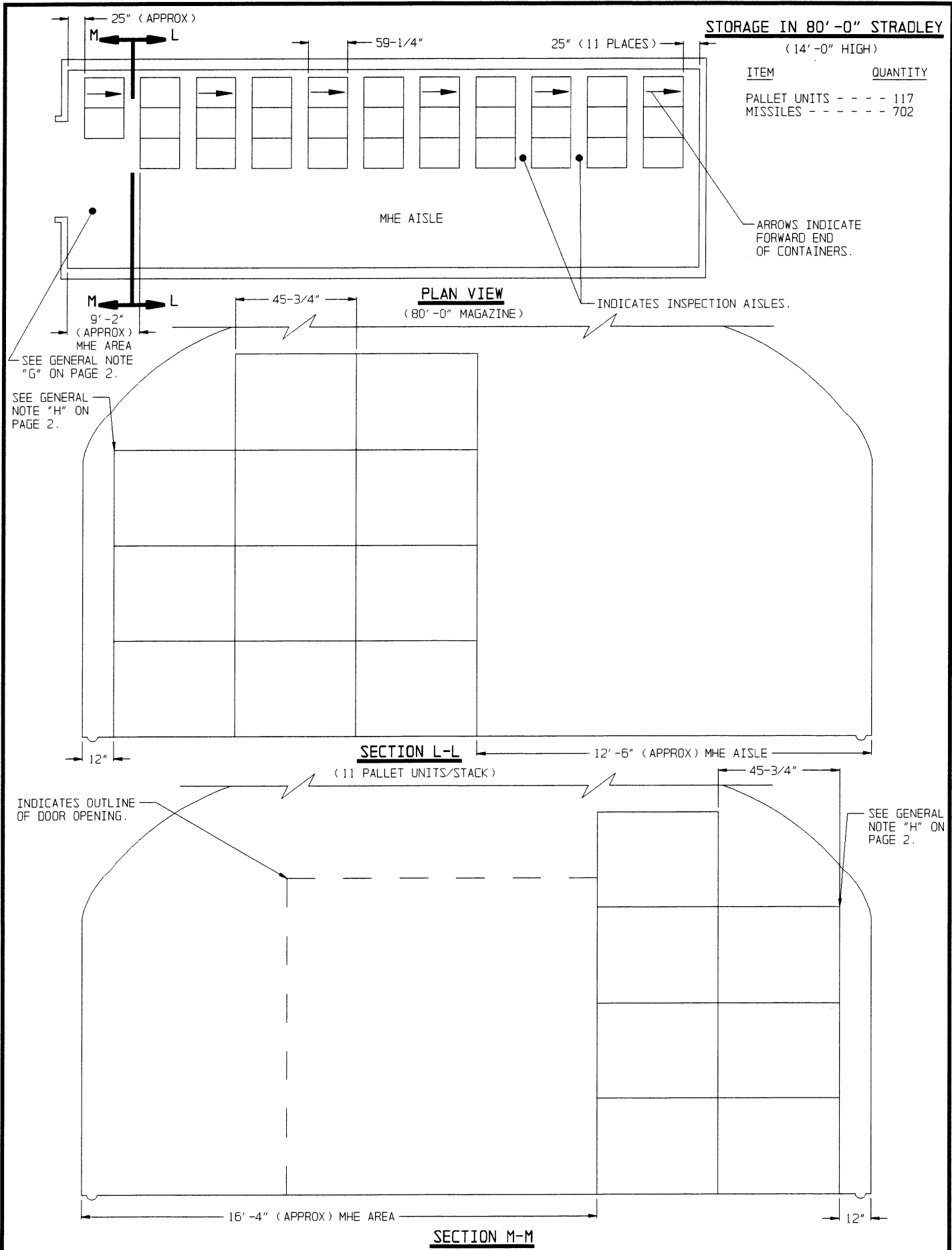
INDICATES INSPECTION AISLE.

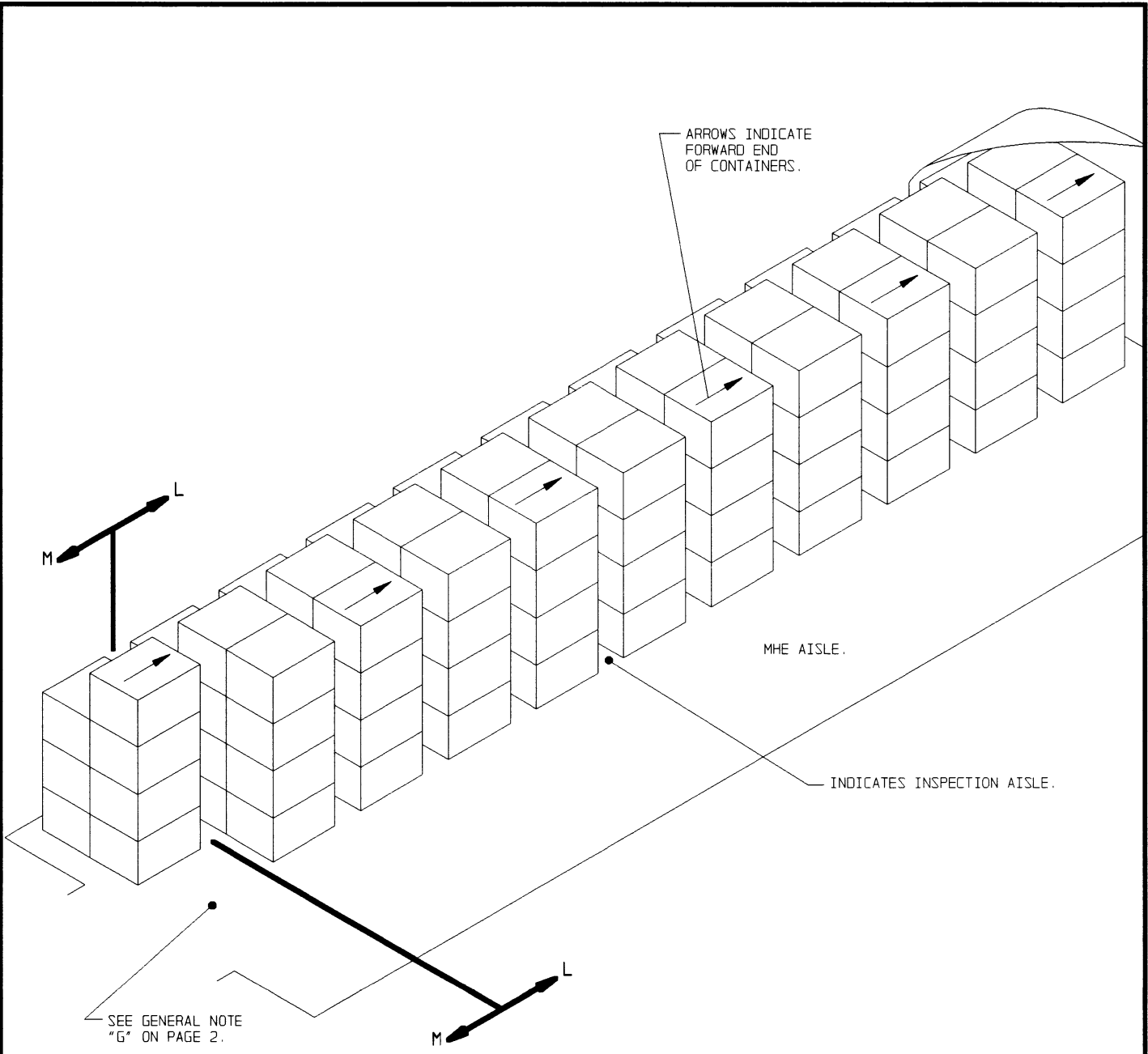
SEE GENERAL NOTE  
"G" ON PAGE 2.

ISOMETRIC VIEW

(81'-2" MAGAZINE)

FOR "GENERAL NOTES" SEE PAGE 2.



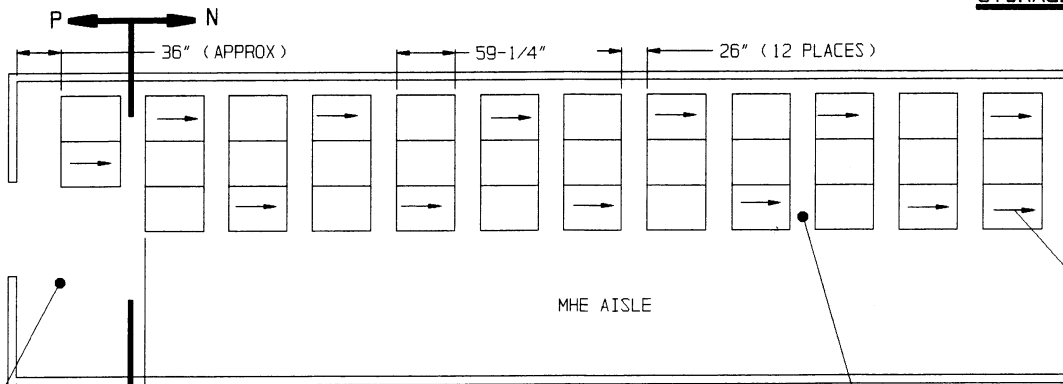


ISOMETRIC VIEW  
 (80'-0" STRADLEY MAGAZINE)

**STORAGE IN 89'-0" MAGAZINE**

(13'-6" HIGH)

ITEM	QUANTITY
PALLET UNITS - - -	104
MISSILES - - - - -	624



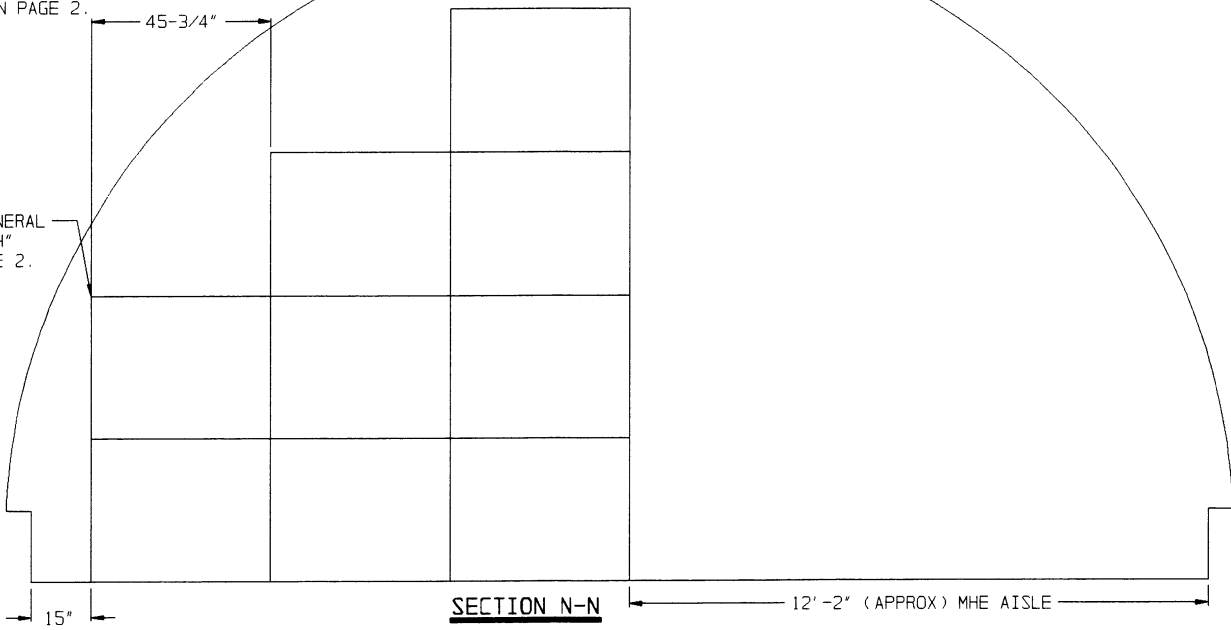
**PLAN VIEW**  
(89'-0" MAGAZINE)

ARROWS INDICATE FORWARD END OF CONTAINER.

INDICATES INSPECTION AISLE.

SEE GENERAL NOTE "G" ON PAGE 2.

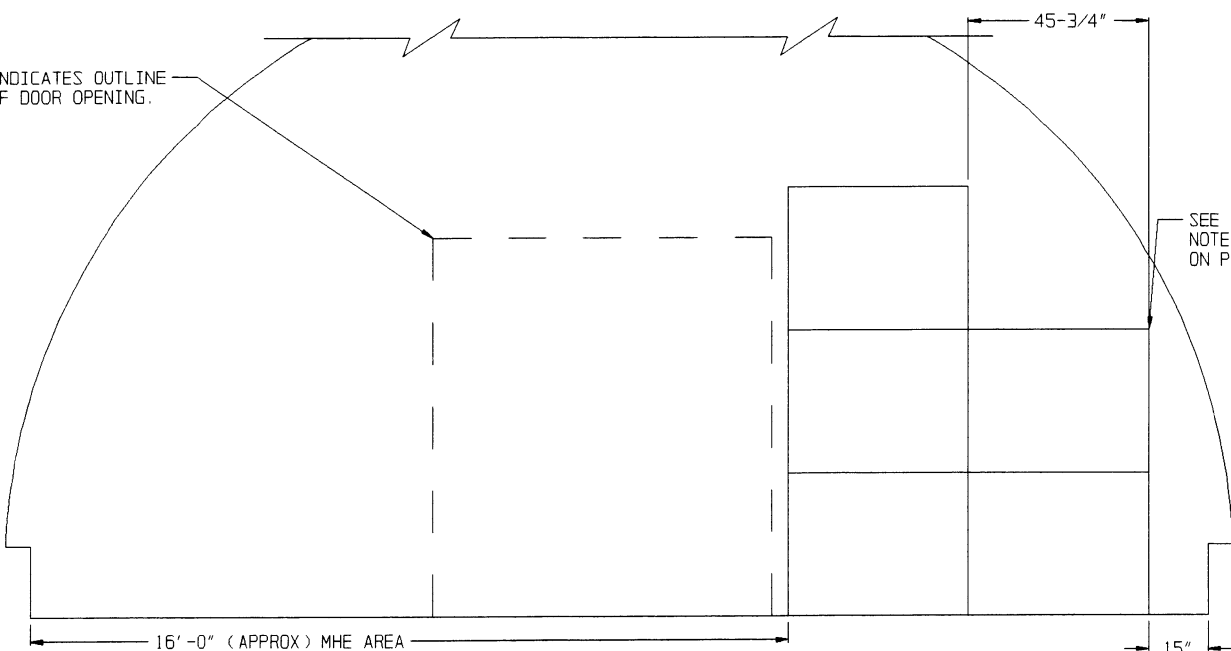
SEE GENERAL NOTE "H" ON PAGE 2.



**SECTION N-N**  
(9 PALLET UNITS/STACK)

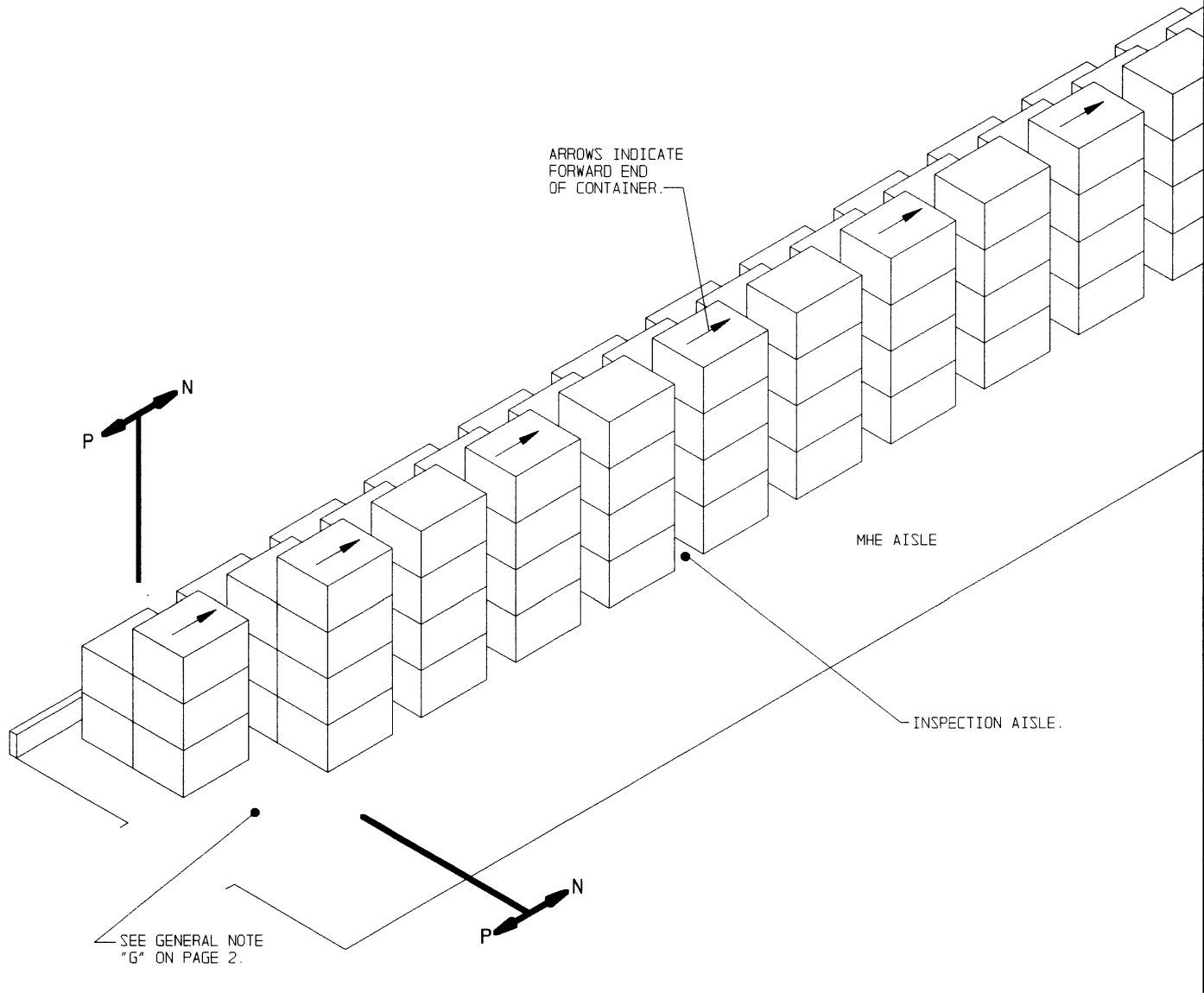
INDICATES OUTLINE OF DOOR OPENING.

SEE GENERAL NOTE "H" ON PAGE 2.



**SECTION P-P**



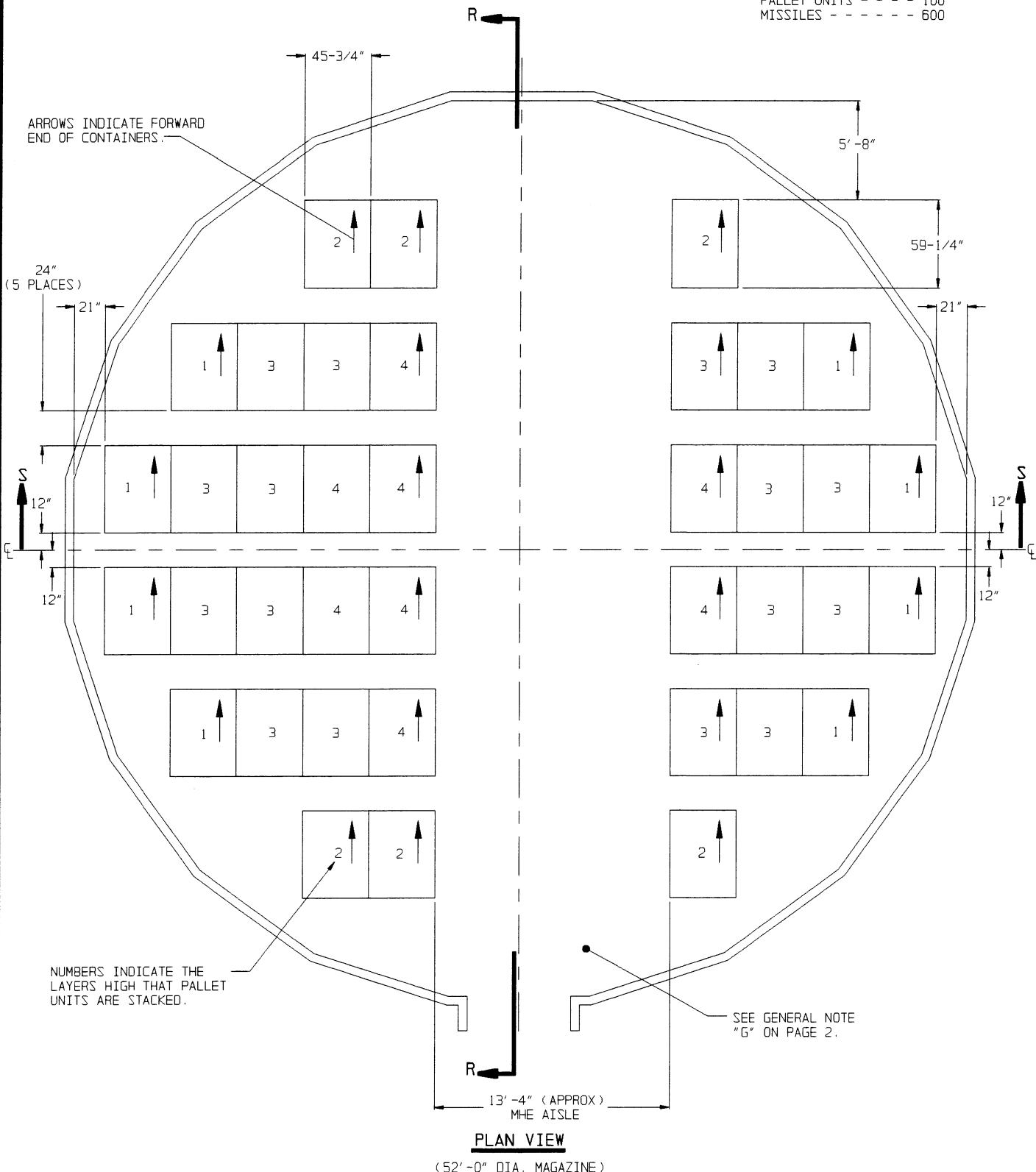


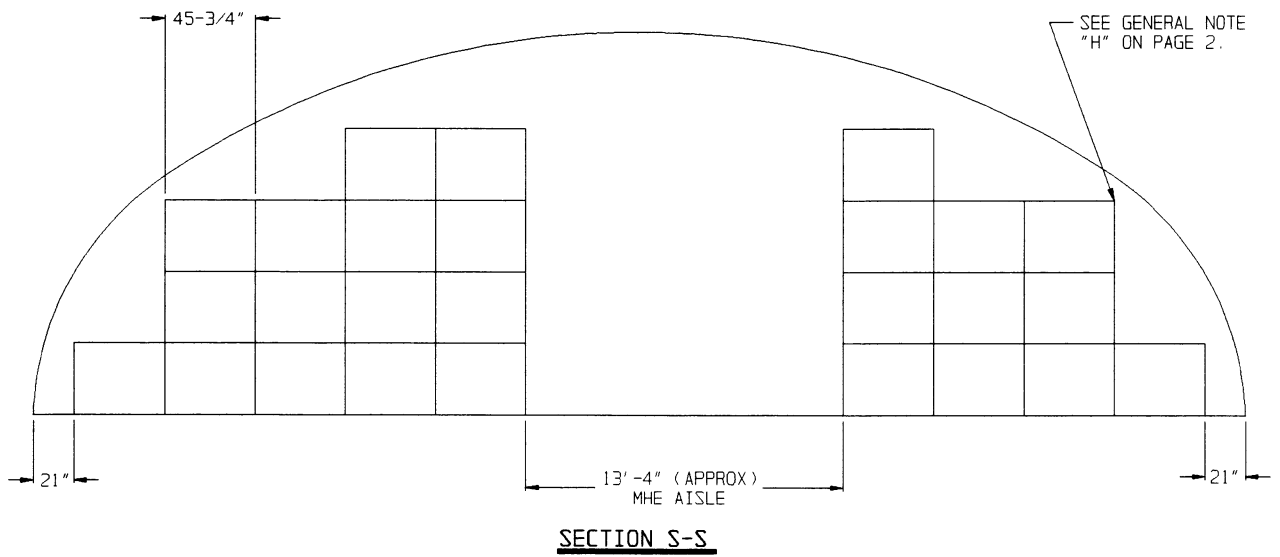
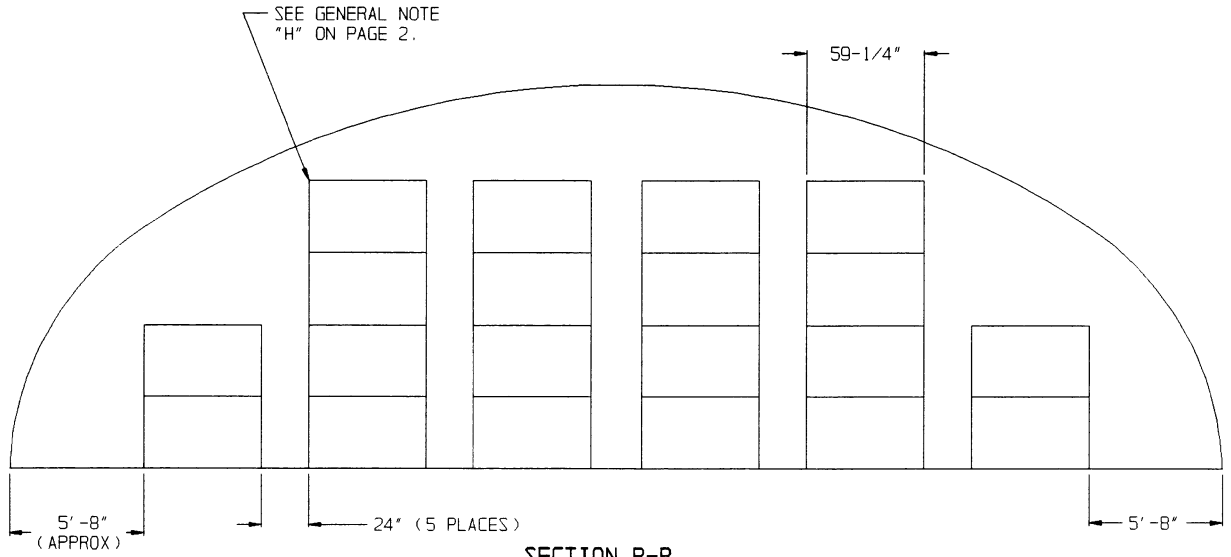
**ISOMETRIC VIEW**  
( 89'-0" MAGAZINE )

FOR "GENERAL NOTES" SEE PAGE 2.

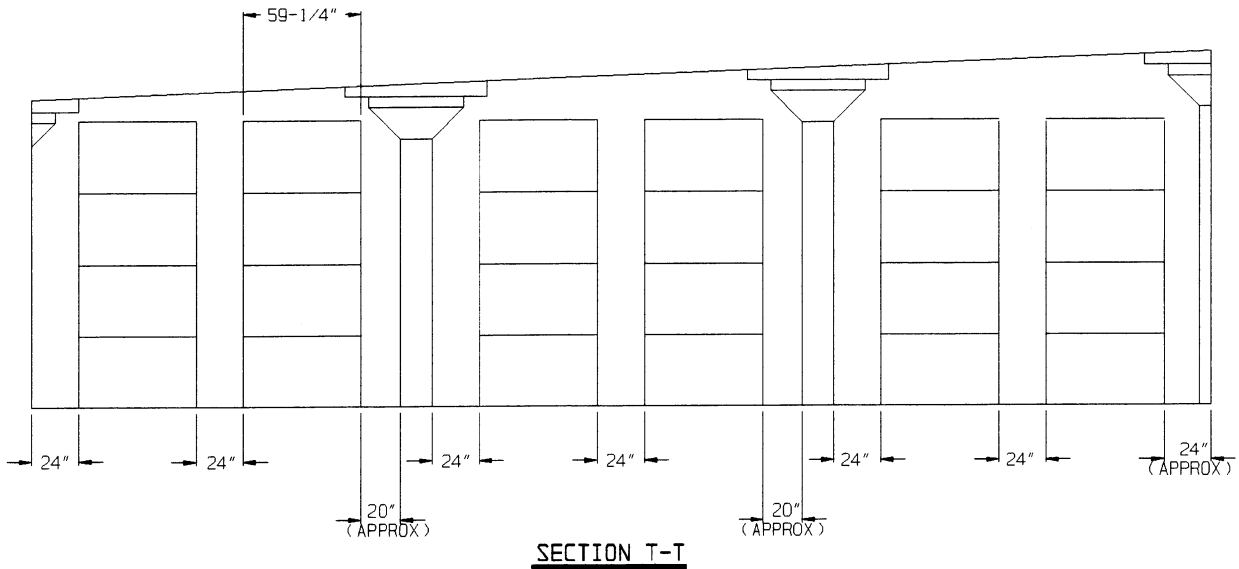
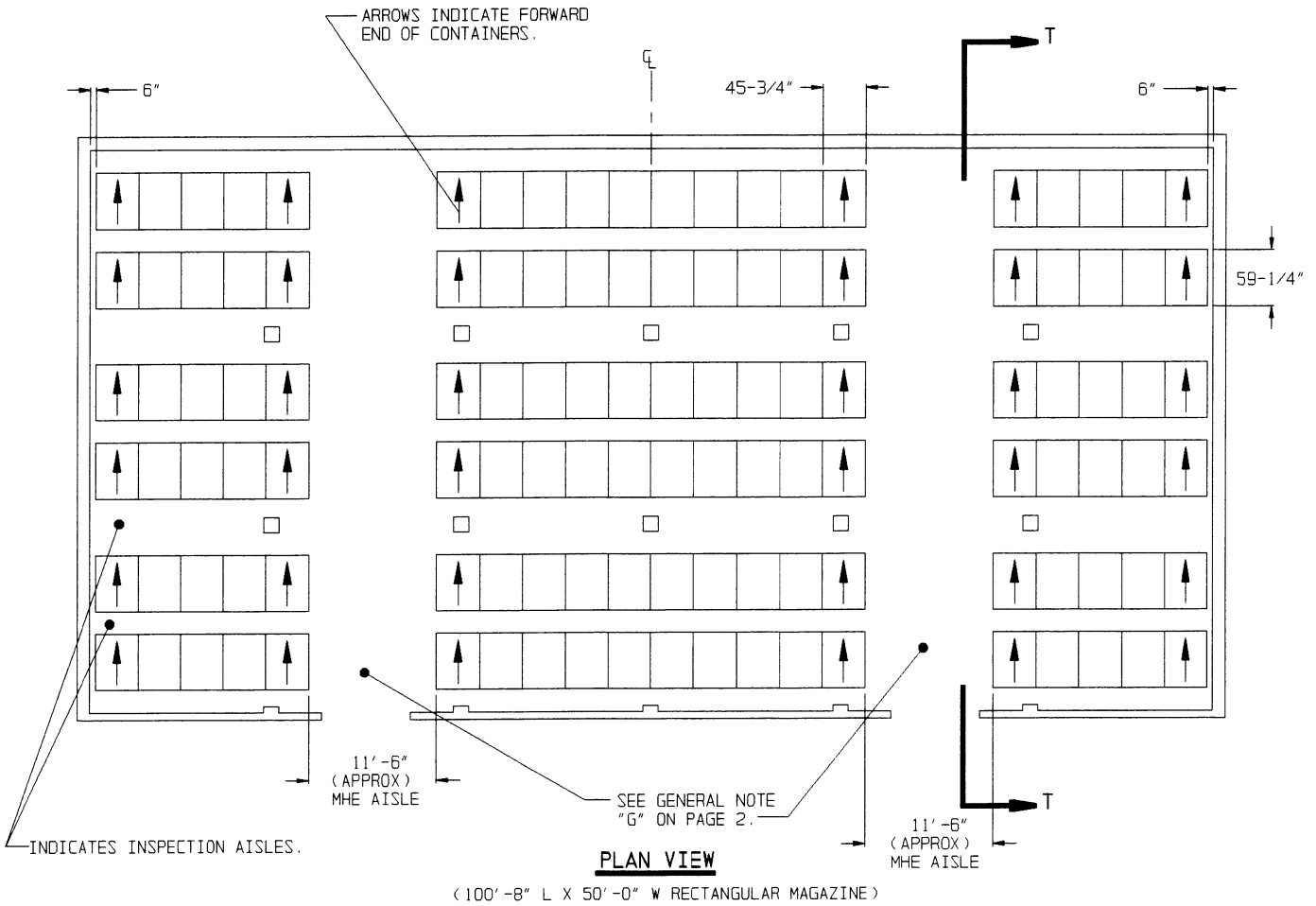
**STORAGE IN 52'-0" DIA. MAGAZINE**

ITEM	QUANTITY
PALLET UNITS - - - -	100
MISSILES - - - - -	600



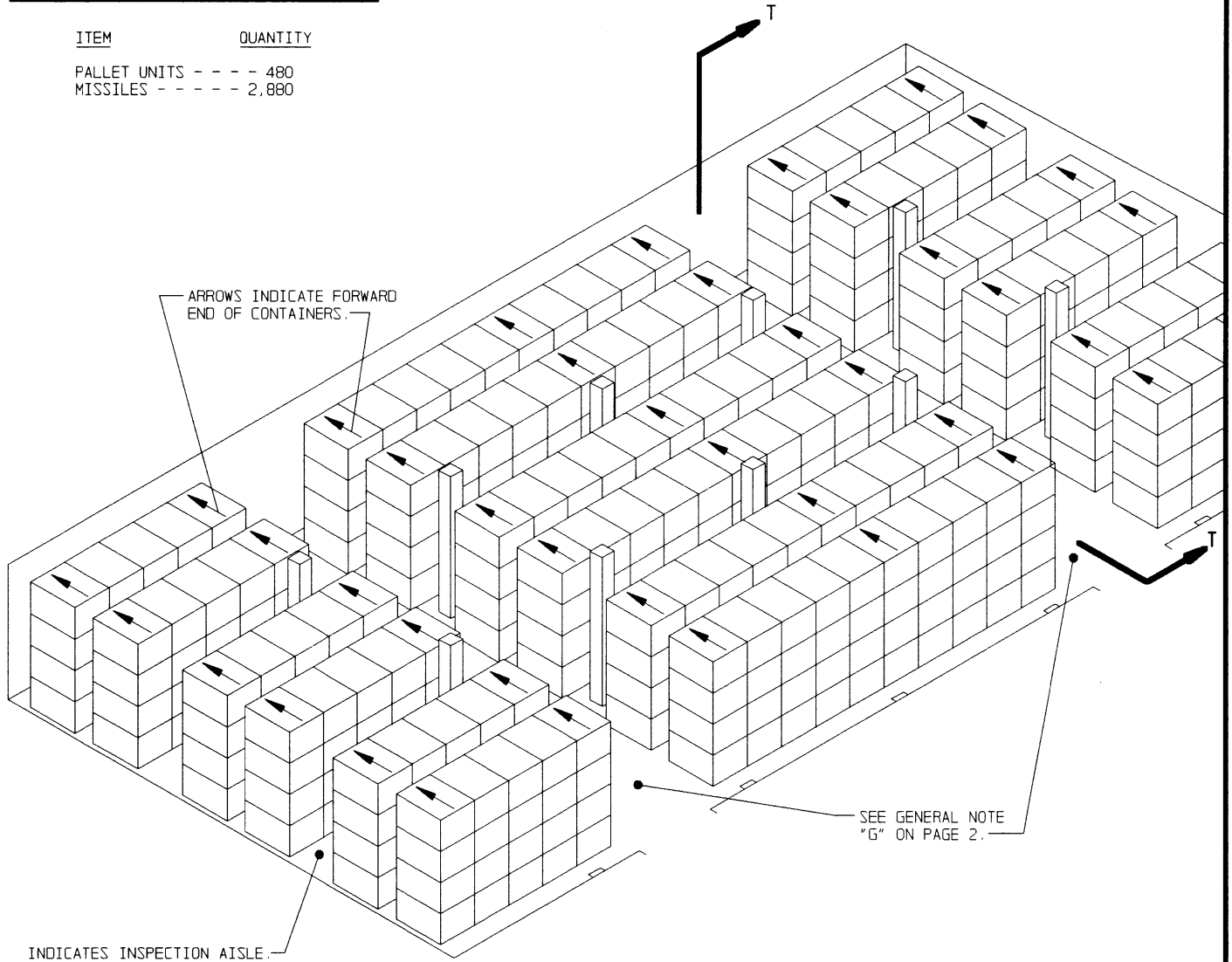


FOR "GENERAL NOTES" SEE PAGE 2.



**STORAGE IN RECTANGULAR MAGAZINE**

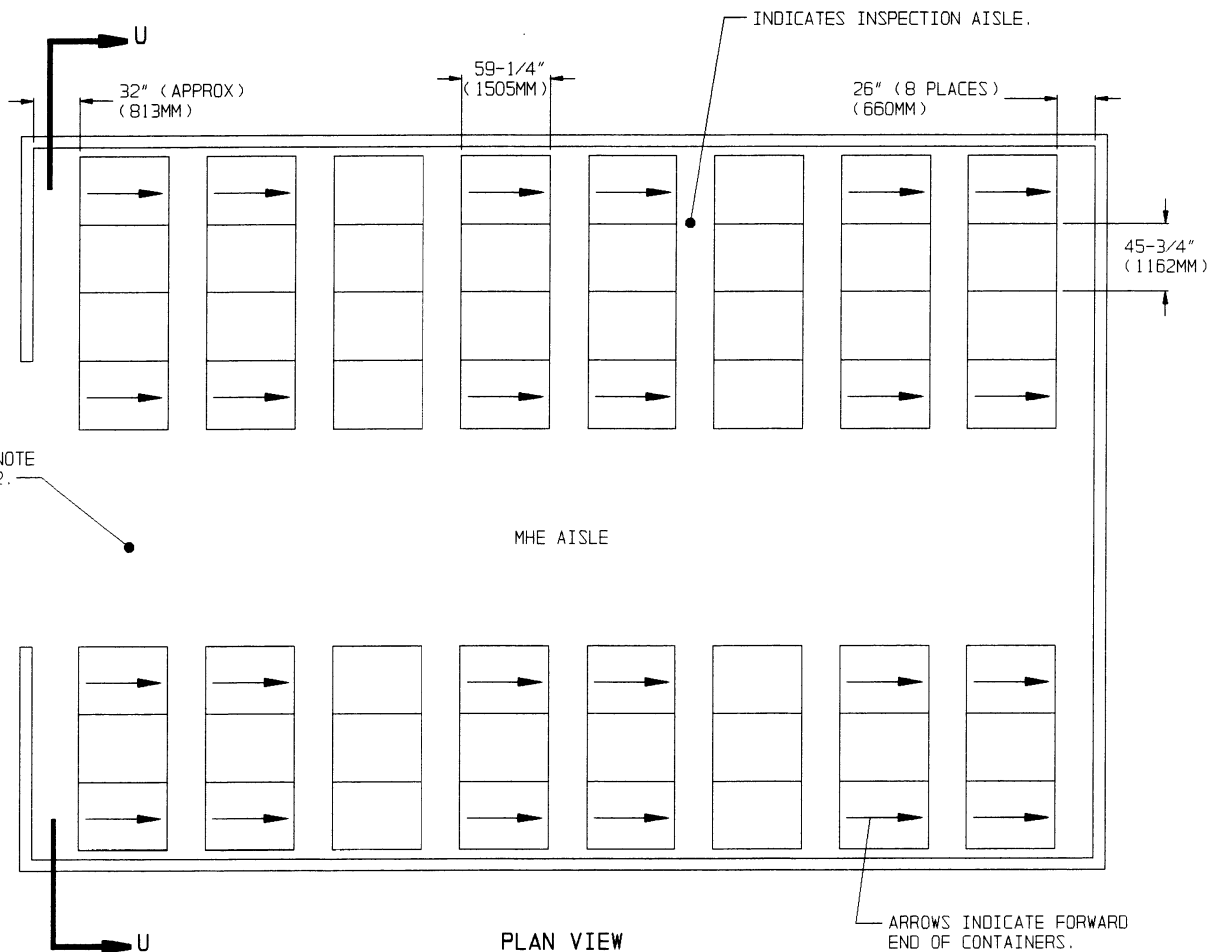
<u>ITEM</u>	<u>QUANTITY</u>
PALLET UNITS - - - -	480
MISSILES - - - -	2,880



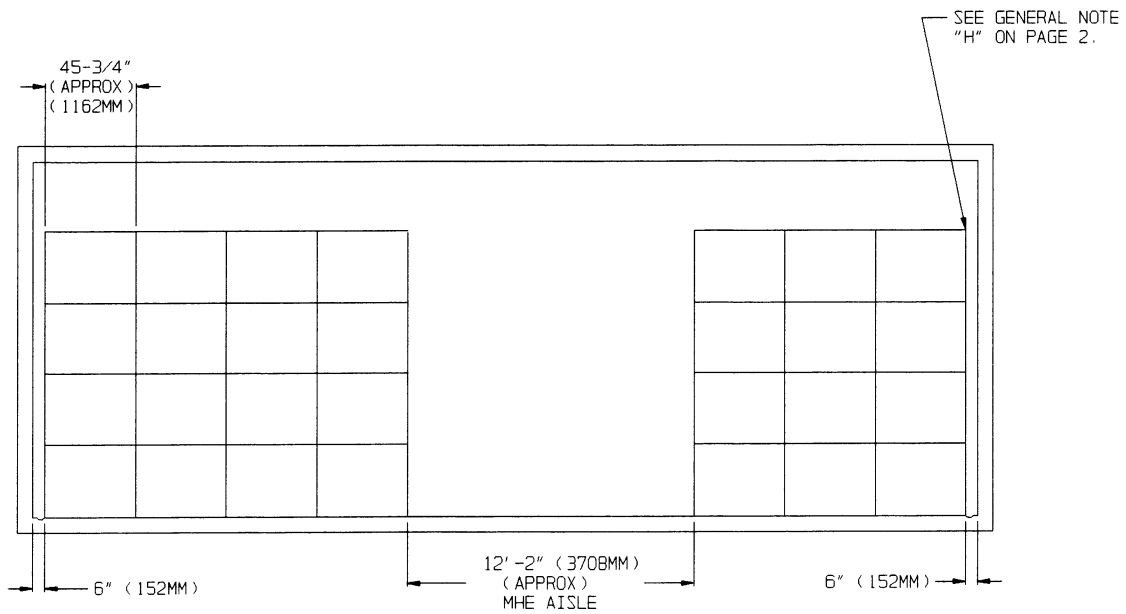
**ISOMETRIC VIEW**

( 100'-8" L X 50'-0" W RECTANGULAR MAGAZINE )

**FOR "GENERAL NOTES" SEE PAGE 2.**



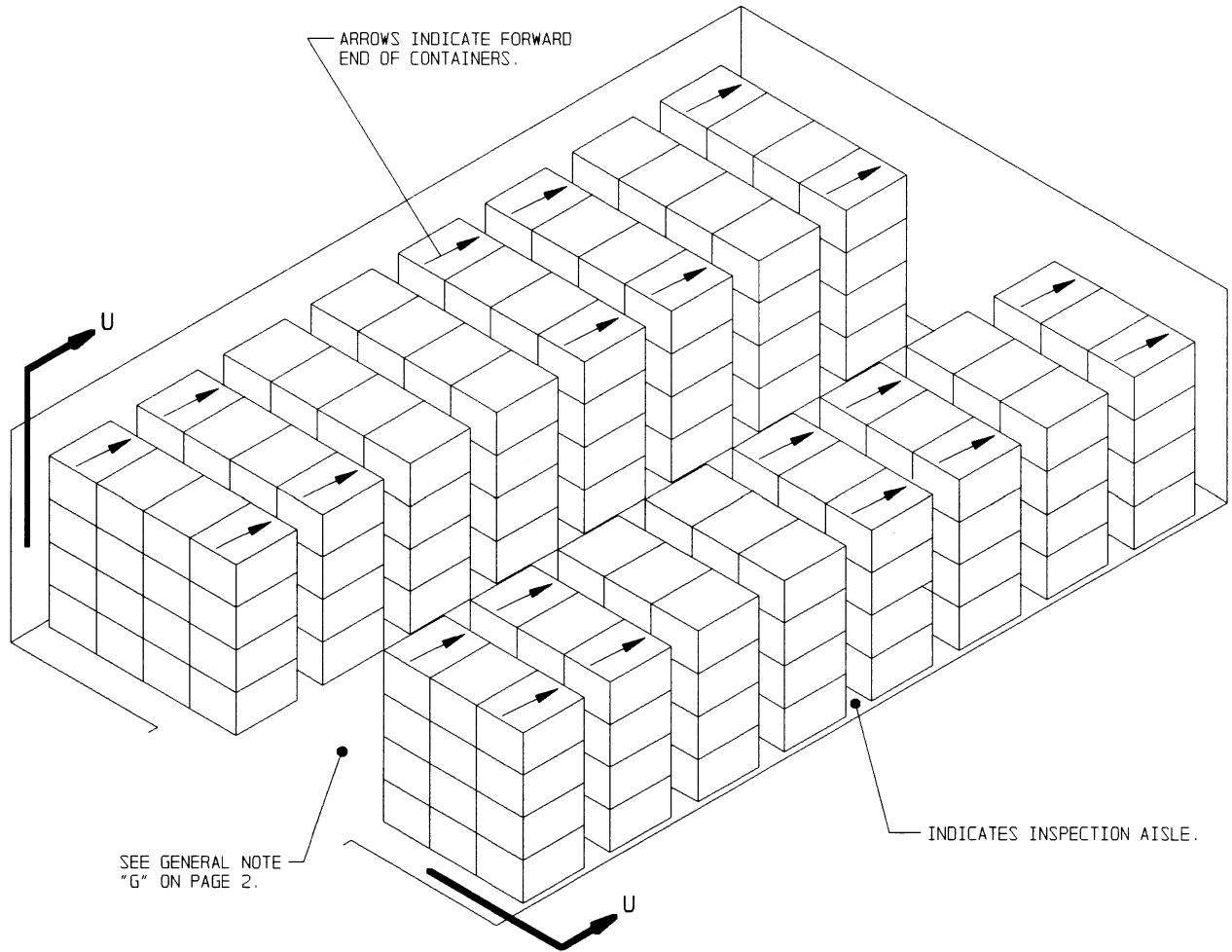
**PLAN VIEW**  
(TYPE II BUNKER)



**SECTION U-U**  
(28 PALLET UNITS/STACK)

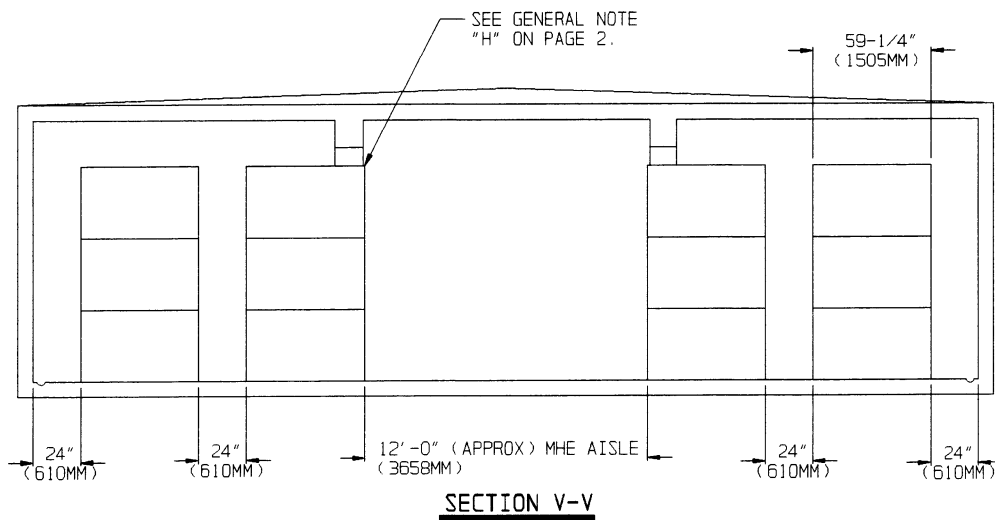
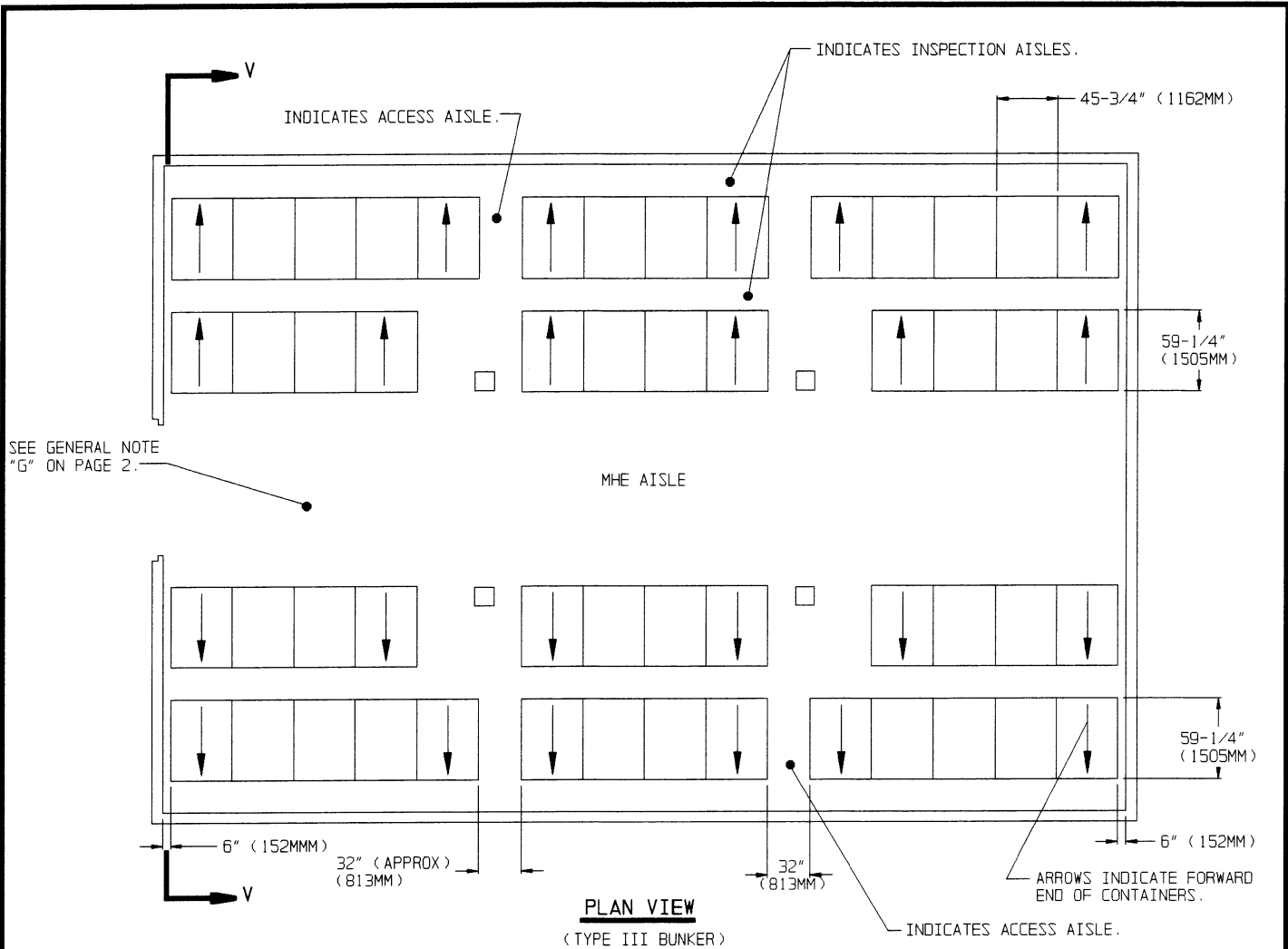
STORAGE IN TYPE II BUNKER

<u>ITEM</u>	<u>QUANTITY</u>
PALLET UNITS - - - -	224
MISSILES - - - - -	1,344



ISOMETRIC VIEW  
(TYPE II BUNKER)

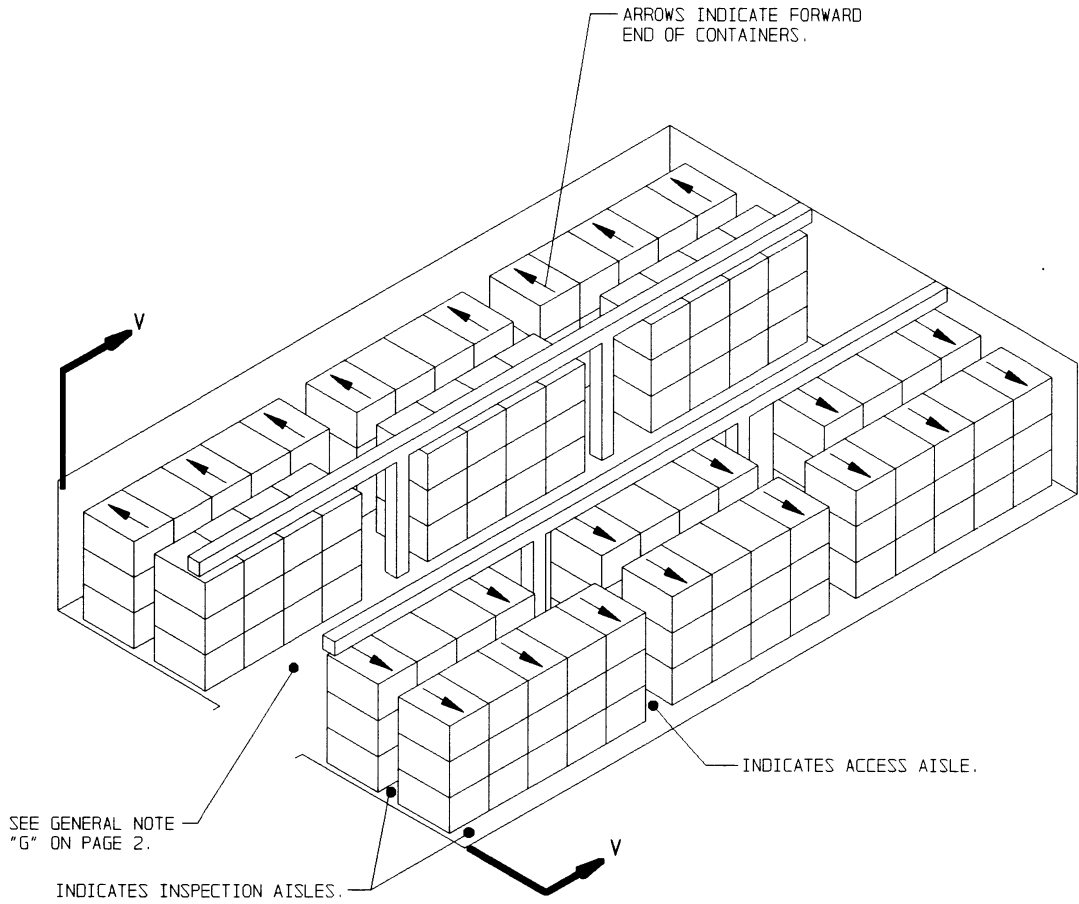
FOR "GENERAL NOTES" SEE PAGE 2.





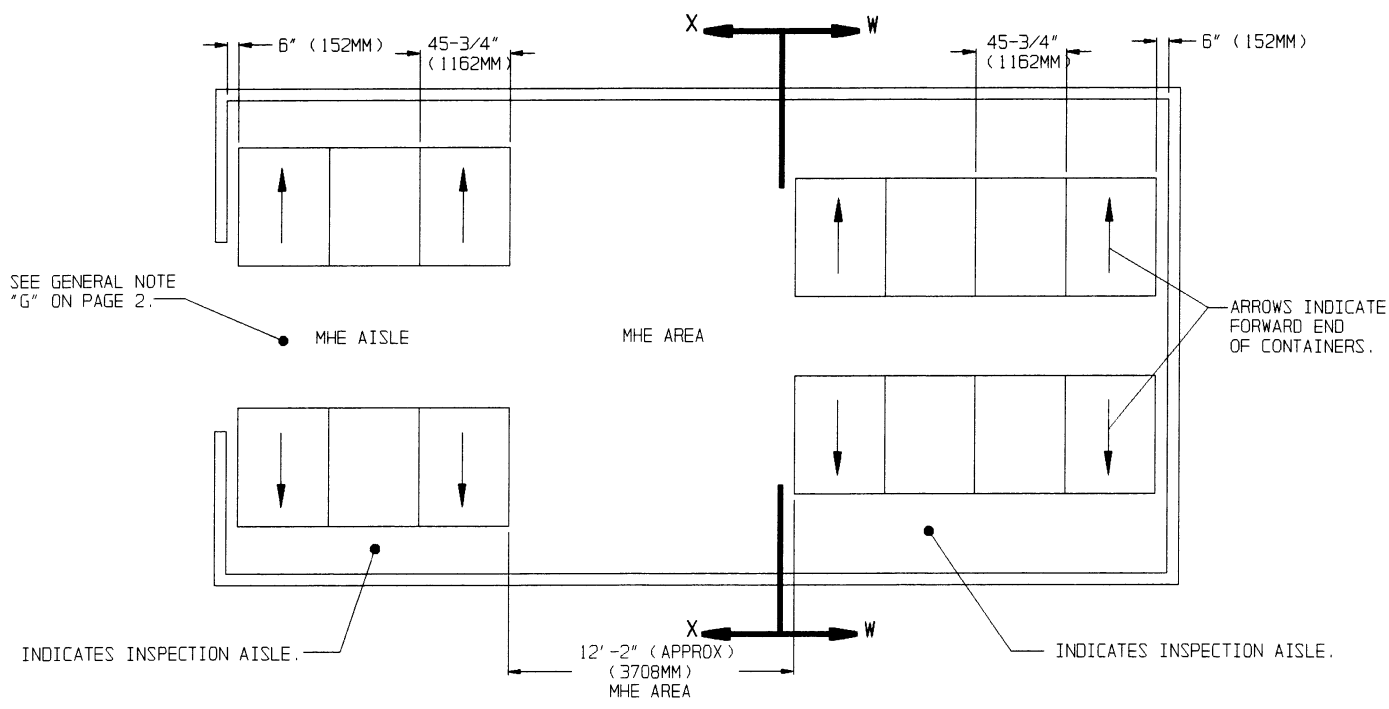
STORAGE IN TYPE III BUNKER

<u>ITEM</u>	<u>QUANTITY</u>
PALLET UNITS - - - -	156
MISSILES - - - - -	936

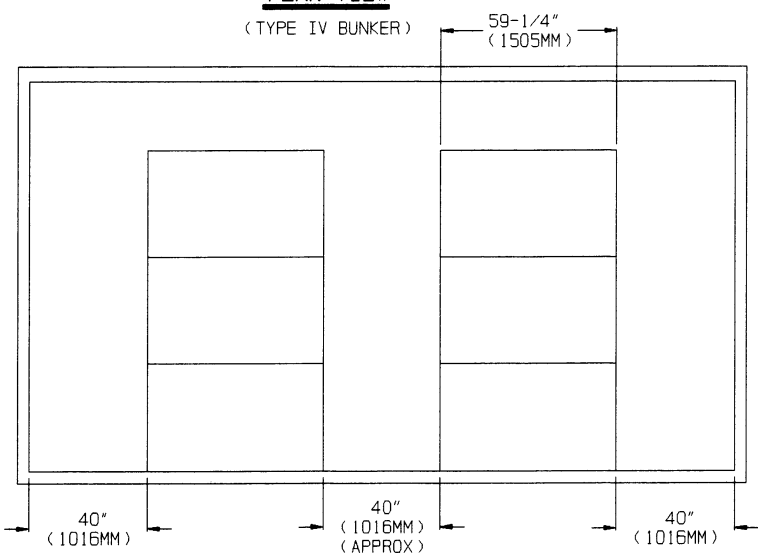


ISOMETRIC VIEW  
(TYPE III BUNKER)

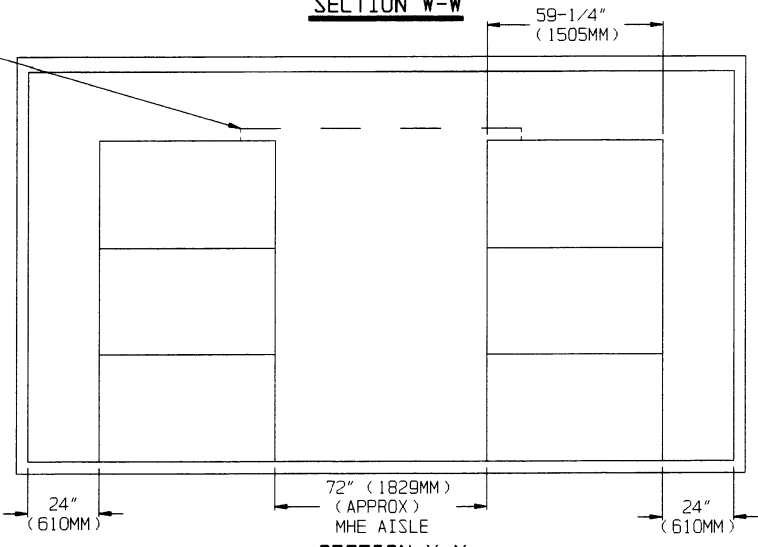
FOR "GENERAL NOTES" SEE PAGE 2.



**PLAN VIEW**  
(TYPE IV BUNKER)



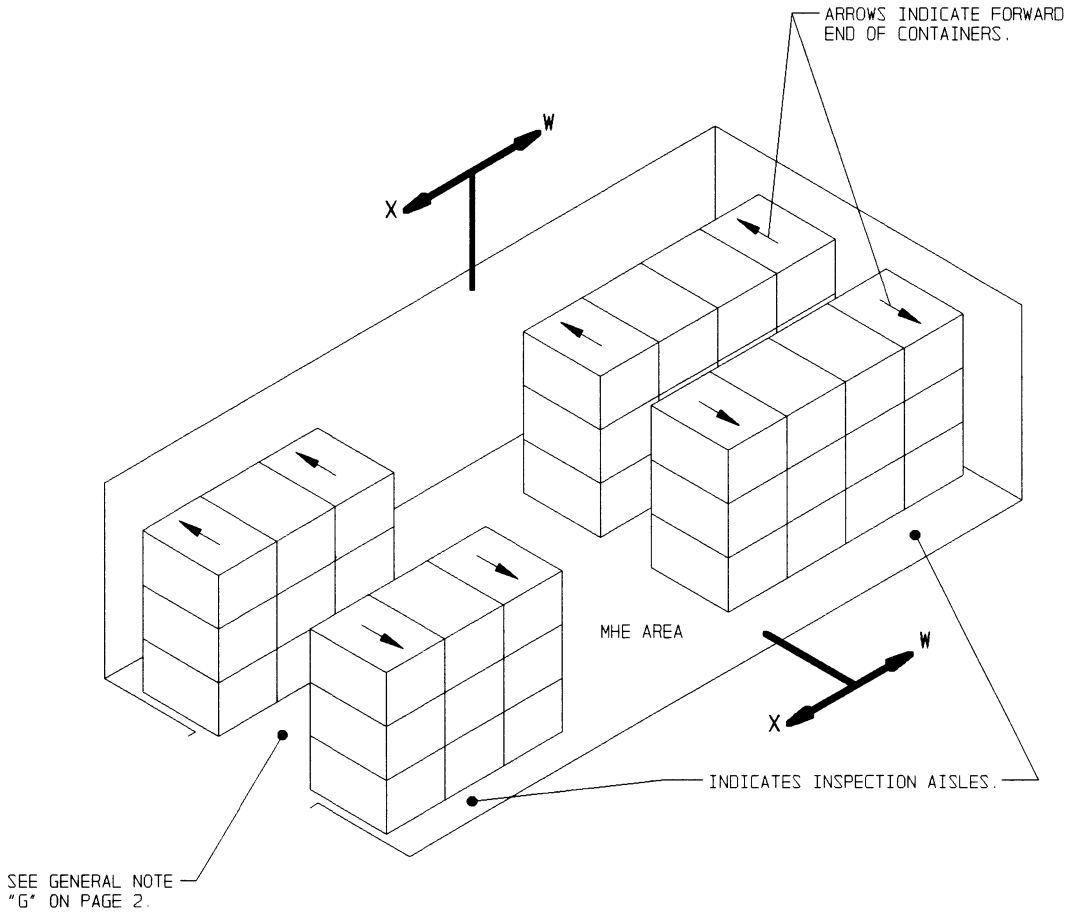
INDICATES OUTLINE OF DOOR OPENING.



STORAGE PROCEDURES IN 40'-0" L X 20'-0" W X 11'-0" H TYPE IV BUNKER MAGAZINE

**STORAGE IN TYPE IV BUNKER**

ITEM	QUANTITY
PALLET UNITS - - - -	42
MISSILES - - - - -	252



**ISOMETRIC VIEW**  
(TYPE IV BUNKER)

**FOR "GENERAL NOTES" SEE PAGE 2.**

